

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ☒ ELECTRIC LOGS ☒ WATER SANDS ☒ LOCATION INSPECTED ☒ SUB. REPORT/abd. ☒

12-7-94 Open Name c.g. fr. Dallen to Dallen Eff 10-1-94

Confidential Status Expired 12-4-95

12/2/93 Dallen to Enserch e.H. 11-96 merger:

DATE FILED

JULY 15, 1994

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-10760

INDIAN

DRILLING APPROVED:

SEPTEMBER 1, 1994

SPUDDED IN:

9-12-94

COMPLETED:

11-4-94 PDW

PUT TO PRODUCING:

11-4-94

INITIAL PRODUCTION:

117 BOPD; 7 BWPD

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

4064-5440 (GRRV)

TOTAL DEPTH:

6100'

WELL ELEVATION:

5320 RKB

DATE ABANDONED:

FIELD:

MONUMENT BUTTE

UNIT:

NA

COUNTY:

DUCHE SNE

WELL NO.

FEDERAL #22-8H

API NO. 43-013-31457

LOCATION

2027' FNL

FT. FROM (N) (S) LINE.

2018' FWL

FT. FROM (E) (W) LINE.

SE NW

1/4 - 1/4 SEC.

8

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

9S

17E

8

Enserch. Explor. Inc.  
Dallen Resources Oil & Gas

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Winta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
"A" marker	Dakota	Park City	McCracken
"B" marker	Burro Canyon	Rico (Goodridge)	Aneth
"C" marker	Cedar Mountain	Supai	Simonson Dolomite
Douglas Cr Mkr	Buckhorn	Wolfcamp	Sevy Dolomite
"D" marker	JURASSIC	CARBON I FEROUS	North Point
"E" marker	Morrison	Pennsylvanian	SILURIAN
"F" marker	Salt Wash	Oquirrh	Laketown Dolomite
Basal Limestone	San Rafael Gr.	Weber	ORDOVICIAN
WSTC	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		



July 13, 1994

Utah Division of Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attn: Frank Matthews

Re: PG & E Resources Company  
Federal #22-8H  
SE NW Sec. 8, T9S - R17E  
Duchesne County, Utah

Dear Frank,

Enclosed please find three copies of the Application for Permit to Drill on the above mentioned well along with one copy of the drilling program and surface use plan which has been filed with the BLM in Vernal, Utah.

Please be advised that the proposed spud date for this well is July 22, 1994. Therefore, your early approval would be appreciated. Please forward the approved copies to Jim LaFevers, PG & E Resources Company at the address shown on the A.P.D. Thanks for your assistance in this matter.

Sincerely,

PERMITCO INC.

Lisa L. Smith  
Consultant for:  
PG & E Resources Company

Enc.

cc: PG & E Resources Company - Dallas, TX  
PG & E Resources Company - Vernal, UT

JUL 15 1994

Permitco Incorporated  
A Petroleum Permitting Company

13585 Jackson Drive Denver, Colorado 80241 (303) 452-8888

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-10760</b>															
1b. TYPE OF WELL <b>OIL</b> <input checked="" type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>WELL</b> <input checked="" type="checkbox"/> <b>WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>SINGLE</b> <input checked="" type="checkbox"/> <b>MULTIPLE</b> <input type="checkbox"/> <b>ZONE</b> <input checked="" type="checkbox"/> <b>ZONE</b> <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>															
2. NAME OF OPERATOR <b>PG &amp; E Resources Company</b>		7. UNIT AGREEMENT NAME <b>N/A</b>															
3. ADDRESS OF OPERATOR <b>PERMITCO INC. - Agent</b>		8. FARM OR LEASE NAME <b>Federal</b>															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At Surface <b>2027' FNL and 2018' FWL</b> At proposed Prod. Zone <b>SE NW Sec. 8, T9S - R17E</b>		9. WELL NO. <b>#22-8H</b>															
10. FIELD AND POOL OR WILDCAT <b>MONUMENT BUTTE</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 8, T9S - R17E</b>															
12. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>22.4 miles southeast of Myton, Utah</b>		13. COUNTY OR PARISH <b>Duchesne</b>															
14. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) <b>Approx. 1000'</b>		15. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>															
16. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>None</b>		17. PROPOSED DEPTH <b>6100'</b>															
18. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5308' GR</b>		19. ROTARY OR CABLE TOOLS <b>Rotary</b>															
20. APPROX. DATE WORK WILL START* <b>July 22, 1994</b>		21. STATE <b>Utah</b>															
22. PROPOSED CASING AND CEMENTING PROGRAM																	
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PG & E Resources Company proposes to drill a well to 6100' to test the Green River formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Order No. 1 attached.

CONFIDENTIAL - TIGHT HOLE

Please be advised that PG & E Resources Company is considered to be the Operator of the above mentioned well. PG & E Resources Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. U-187011. The principal is PG & E Resources Company via surety consent as provided for in 43 CFR 3104.2.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

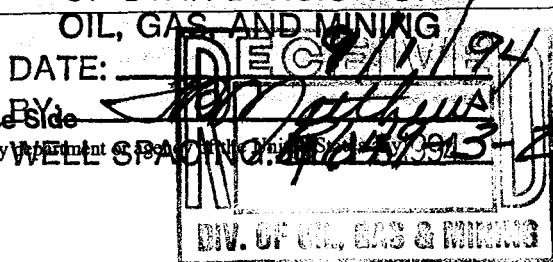
24. SIGNED [Signature] CONSULTANT FOR: PG & E Resources Co. DATE 07/13/94

PERMIT NO. 43-013-31457 APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING

cc: Utah Division of Oil, Gas & Mining

\*See Instructions On Reverse Side

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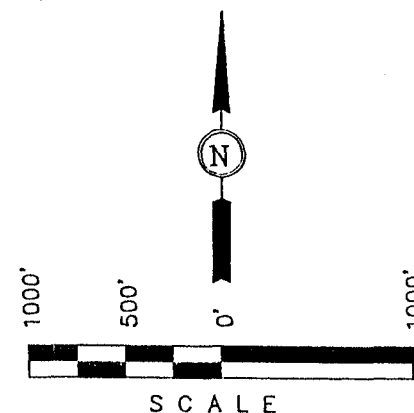
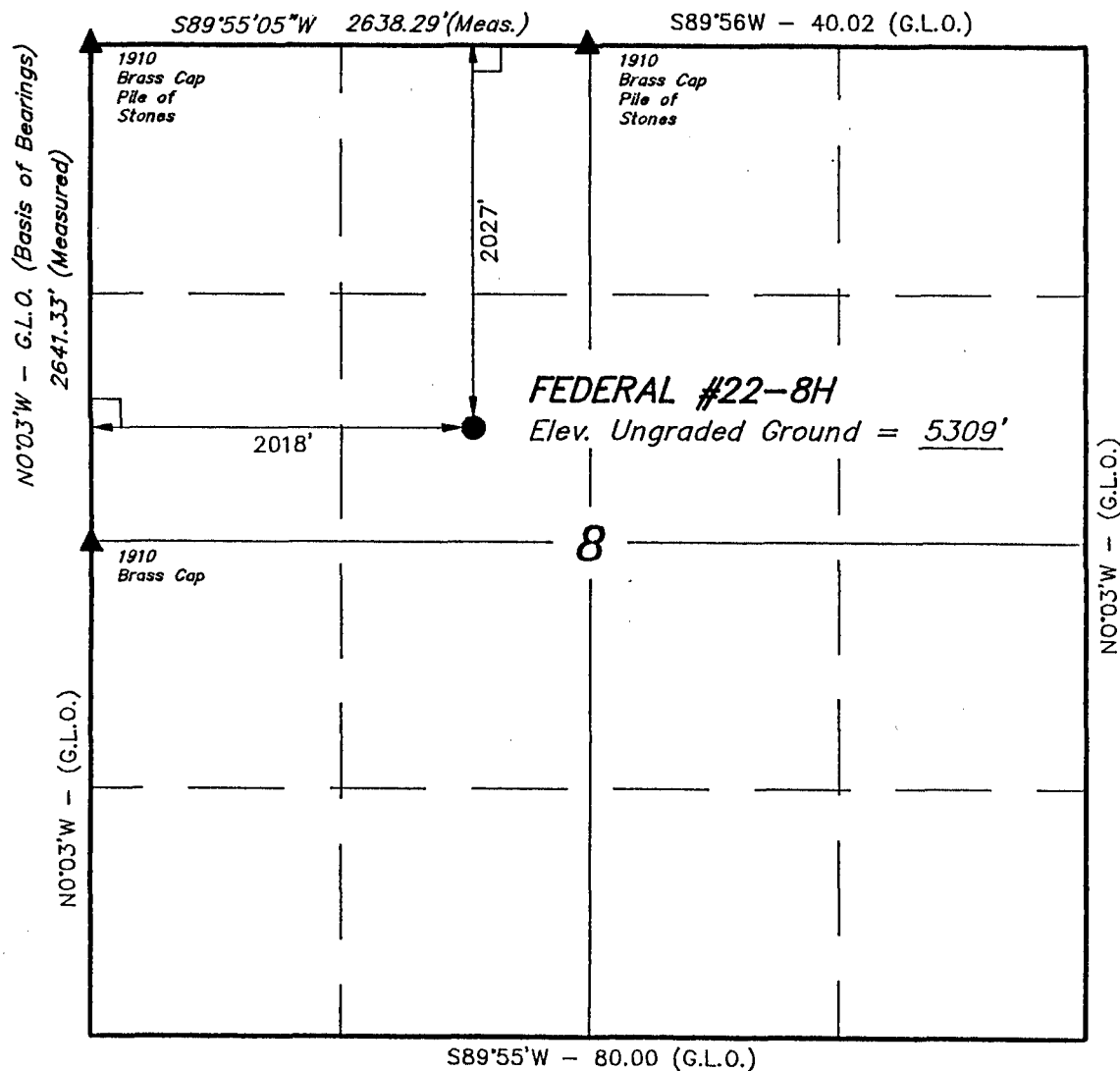
**T9S, R17E, S.L.B.&M.**

**PG&E RESOURCES COMPANY**

Well location, FEDERAL #22-8H, located as shown in the SE 1/4 NW 1/4 of Section 8, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 8, T9S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5265 FEET.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED. (Brass Caps)

**UINTAH ENGINEERING & LAND SURVEYING**

85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 7-6-94	DATE DRAWN: 7-9-94
PARTY B.B. B.R. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER HOT	FILE PG&E RESOURCES	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
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1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
2. NAME OF OPERATOR <b>PG &amp; E Resources Company</b>		7. UNIT AGREEMENT NAME <b>N/A</b>
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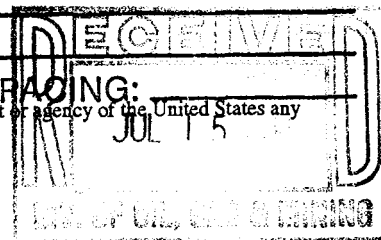
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24. SIGNED [Signature] CONSULTANT FOR: **PG & E Resources Co.** DATE **07/13/94**  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_ APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

cc: Utah Division of Oil, Gas & Mining

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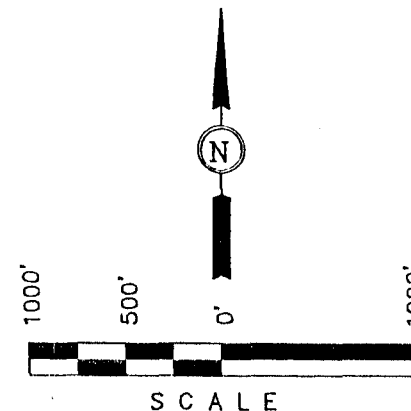
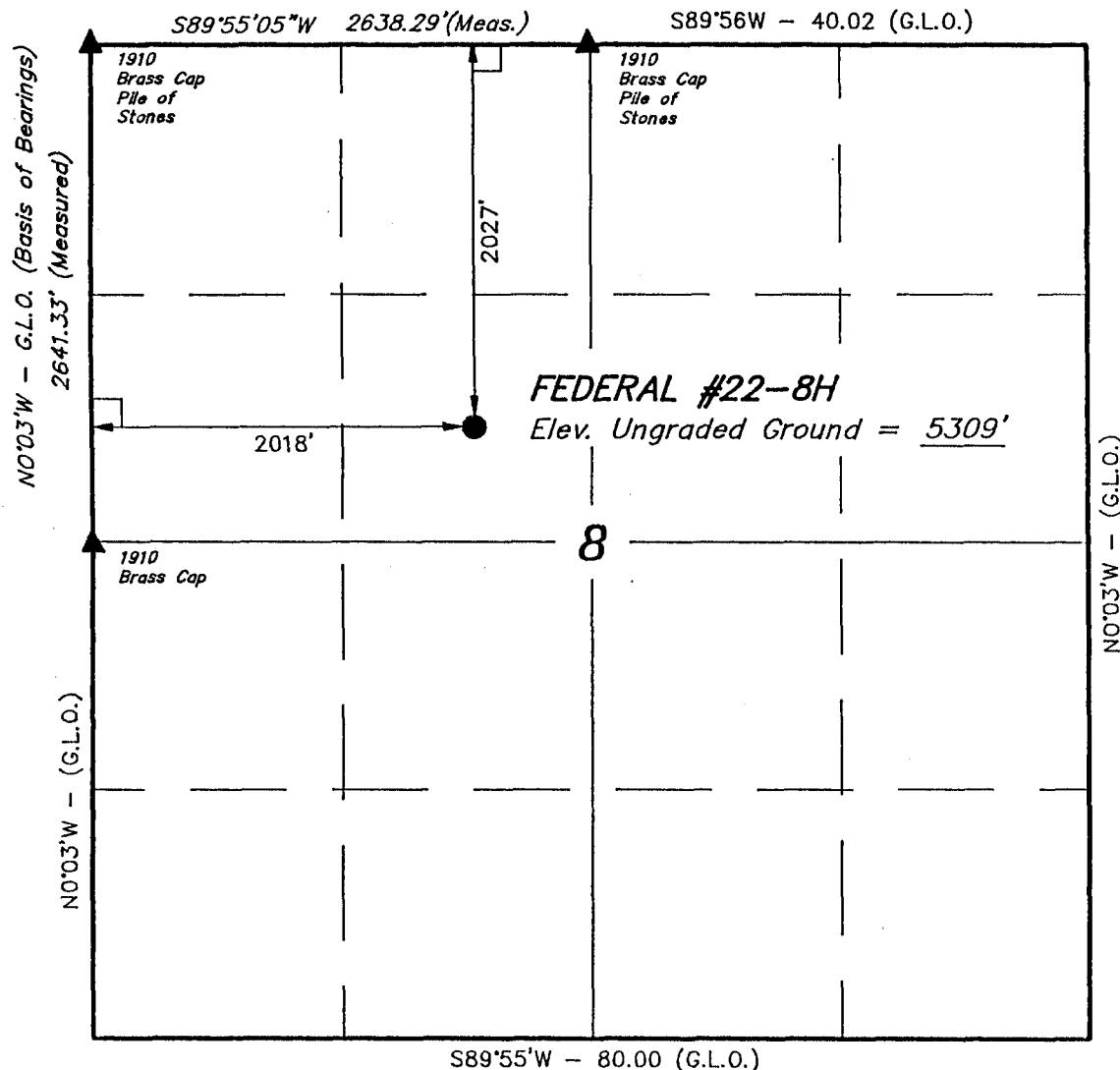
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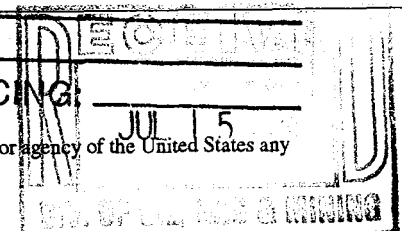
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CONDITIONS OF APPROVAL, IF ANY:		BY:

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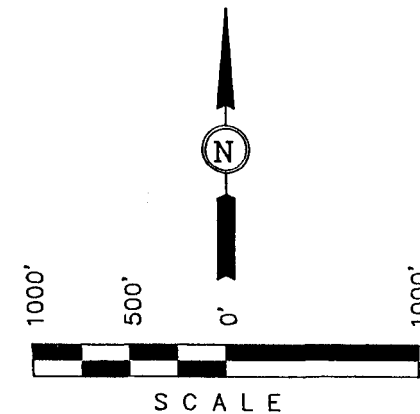
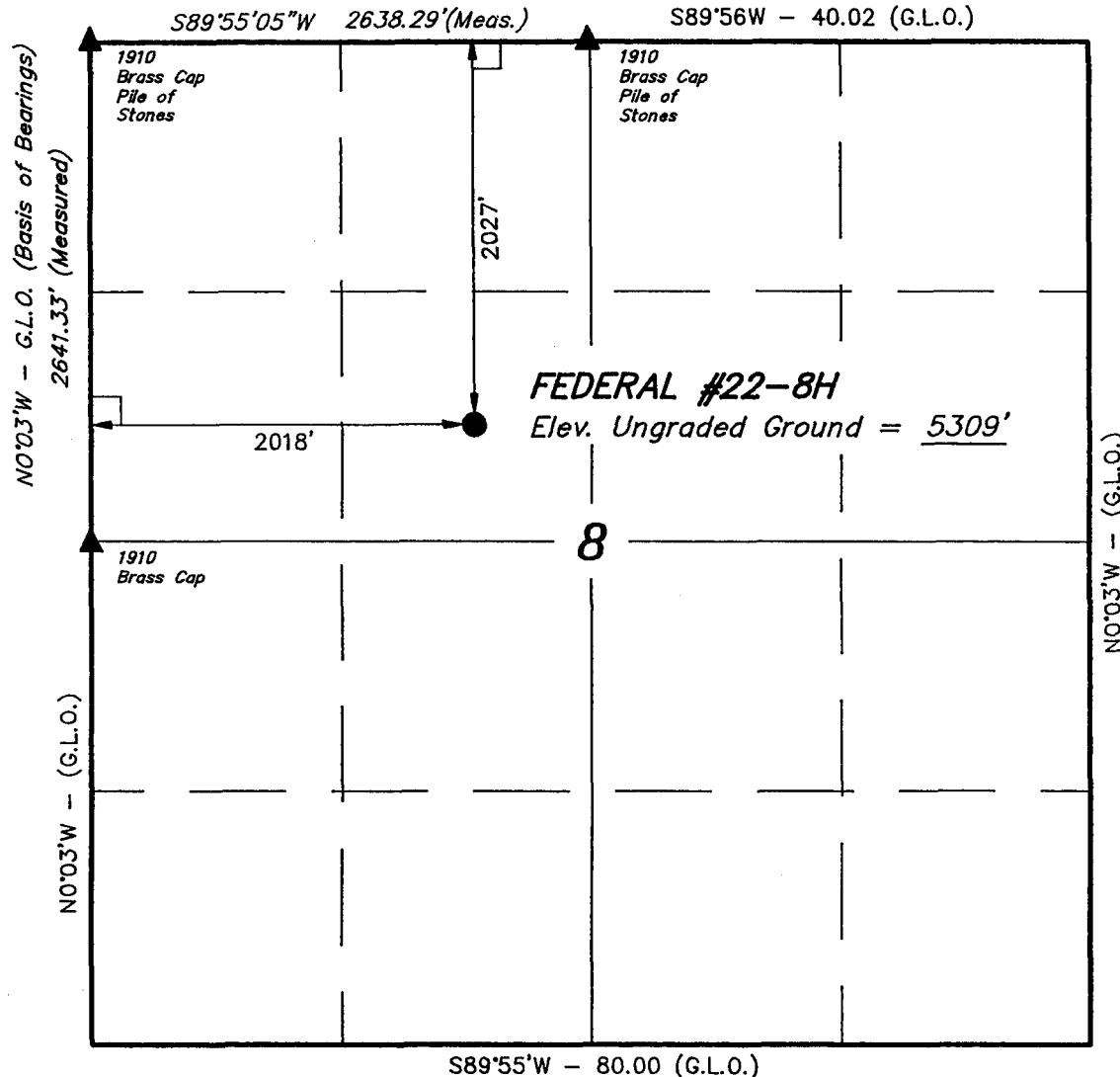
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PG&amp;E RESOURCES COMPANY

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 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
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WEATHER HOT	FILE PG&E RESOURCES	

**CONFIDENTIAL - TIGHT HOLE**

**ONSHORE OIL & GAS ORDER NO. 1**

**Approval of Operations on Onshore  
Federal and Indian Oil & Gas Leases**

**Federal #22-8H  
2027' FNL and 2018' FWL  
SE NW Sec. 8, T9S - R17E  
Duchesne County, Utah**

**Prepared For:**

**PG & E RESOURCES COMPANY**

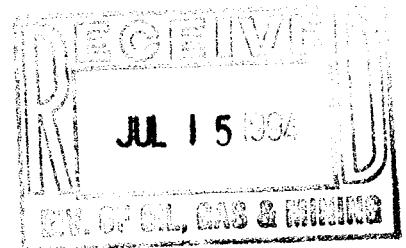
**By:**

**PERMITCO INC.  
13585 Jackson Drive  
Denver, Colorado 80241  
303/452-8888**

**CONFIDENTIAL - TIGHT HOLE**

**Copies Sent To:**

- 3 - BLM - Vernal, Utah**
- 1 - Utah Division of Oil, Gas & Mining - SLC, UT**
- 3 - PG & E Resources - Dallas, TX**
- 1 - PG & E Resources - Vernal, Utah**



**Permitco Incorporated**  
A Petroleum Permitting Company

August 9, 1993

Bureau of Land Management  
170 S. 500 E.  
Vernal, UT 84078

Attn: Minerals

Re: Agent Designation

Gentlemen:

This letter is to inform you that Permitco, Inc. is authorized to act as Agent and to sign documents on behalf of PG&E Resources Company when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc.

It should be understood that Permitco is acting as Agency only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

PG&E Resources Company agrees to accept full responsibility for operations including drilling, completion and production.

Yours very truly,



Jim LaFevers  
Supervisor  
Regulatory Affairs

JLF:ah

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**Federal #22-8H**

**DRILLING PROGRAM**

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ONSHORE ORDER NO. 1  
PG & E Resources Company  
Federal #22-8H  
2027' FNL and 2018' FWL  
SE NW Sec. 8, T9S - R17E  
Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-10760

DRILLING PROGRAM

Page 1

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Uinta	Surface	
Green River	1452'	+3868'
D.C. Marker	4580'	+ 740'
"D"	4819'	+ 501'
"E"	4938'	+ 382'
"E <sub>2</sub> "	5120'	+ 200'
"F"	5436'	- 116'
Basal Ls.	5843'	- 523'
Wasatch	6004'	- 684'
T.D.	6100'	

2. Estimated Depths of Anticipated Water, Oil, Gas or Minerals Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil	DC <sub>4</sub>	4660-4675'
Oil	Lower E	5080-5100'
Oil	F Sand	5400-5500'
Water	N/A	
Other Mineral Zones	N/A	



Permitco Incorporated  
A Petroleum Permitting Company

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: (Schematic Attached)

PG & E's minimum specifications for pressure control equipment are as follows:

Ram Type: 10" Hydraulic double with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

**Annular preventers shall be functionally operated at least weekly.**

**Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.**

**A BOPE pit level drill shall be conducted weekly for each drilling crew.**

**Pressure tests shall apply to all related well control equipment.**

**All of the above described tests and/or drills shall be recorded in the drilling log.**

**BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.**

**The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.**

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 2000 psi working pressure blowout preventor.**
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.**
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.**
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.**

4. Proposed Casing and Cementing Program:

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.

- i. Surface casing shall have centralizers on every fourth joint of casing starting with the shoe joint and up to the bottom of the cellar.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- m. The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>New or Used</u>	
						<u>Type</u>	<u>Used</u>
Surface	0-350'	12-1/4"	9-5/8"	36#	K-55	ST&C	New
Produc.	0-6100'	7-7/8"	5-1/2"	14#	J-55	LT&C	New

- n. Casing design subject to revision based on geologic conditions encountered.
- o. The cement program will be as follows:

Surface  
0-350'

Type and Amount  
± 110 sx Class "A" Cement or  
sufficient volume to circulate to  
surface.

Production

Type and Amount

Approx. 1000 cubic feet of 50/50 Poz Mix, 14.1 ppg, 1.26 yield or sufficient to cover zones of interest (from T.D. to approximately 2600'.

- p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
  - 1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
    - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
    - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- s. Auxiliary equipment to be used is as follows:
  - 1. Kelly cock
  - 2. No bit float is deemed necessary.
  - 3. A sub with a full opening valve.

5. Mud Program:

- a. The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>	<u>PH</u>
0-6100'	Water/Lime & Gel	8.4-8.6	27-36	N/C	N/C

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

- b. Mud monitoring equipment to be used is as follows:

1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.

- c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

- d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

- e. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

6. Evaluation Program:

The anticipated type and amount of testing, logging and coring are as follows:

- a. No drill stem tests are anticipated, however, if they are run the following will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a Dual Laterolog, 1", 2" and 5" from T.D. to base of surface casing. A Spectral Density Dual-Spaced Neutron Log, 5" from T.D. to base of surface casing.
- c. No cores are anticipated.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after



completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

- e. The anticipated completion program is as follows: Perforate and casing water frac potential hydrocarbon bearing zones.
- f. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

7. Abnormal Temperatures or Pressures

- a. No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area.
- b. The maximum anticipated bottom hole pressure will be approximately 2700 psi at T.D.

8. Anticipated Starting Dates and Notification of Operations:

- a. Drilling will commence immediately upon approval of this application.
- b. It is anticipated that the drilling of this well will take approximately 12-14 days.
- c. The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m, Monday through Friday except holidays), at least 24 hours prior to spudding the well.

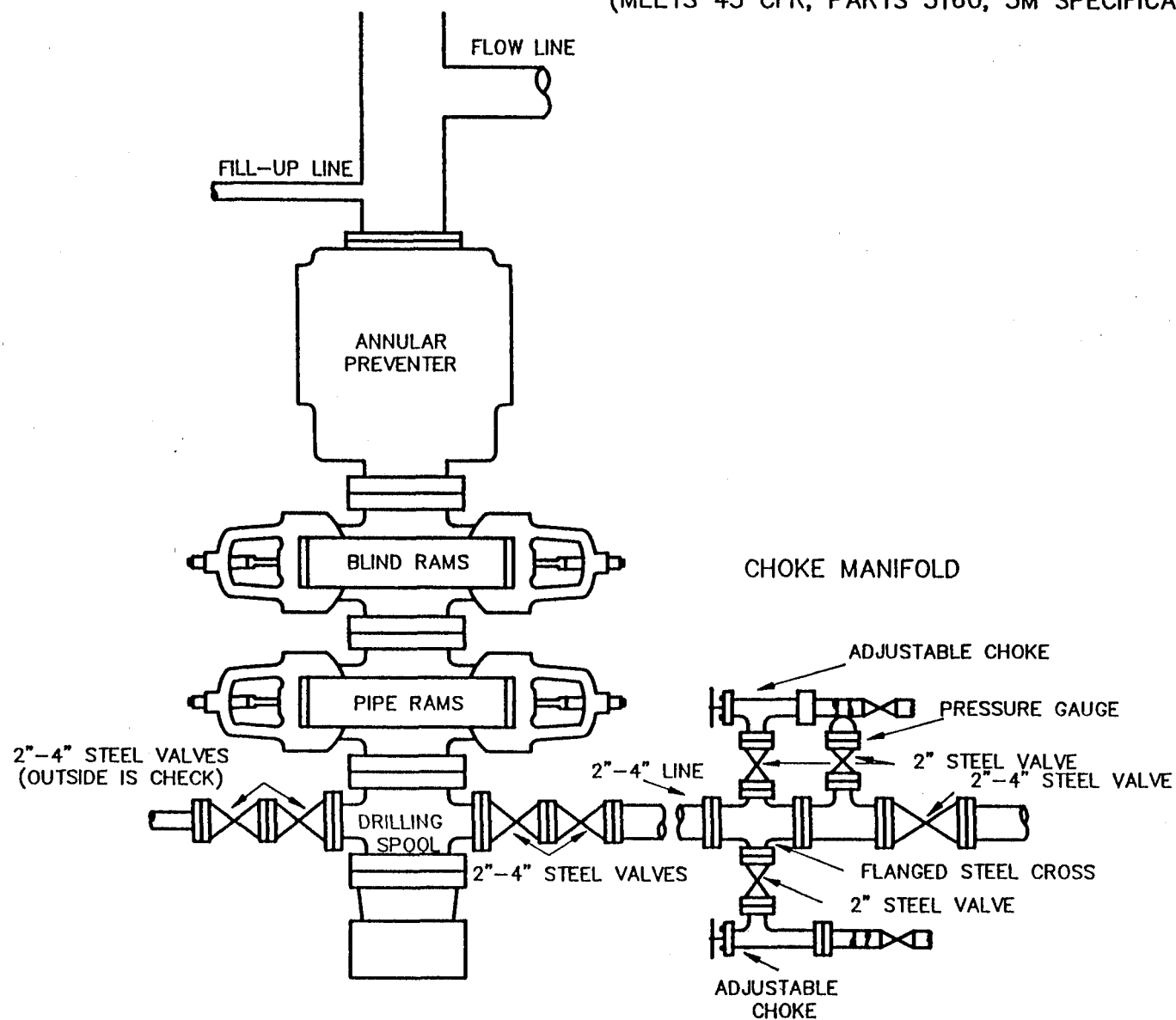
- d. Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.
- e. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.
- f. Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.
- g. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- h. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

- i. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- j. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- k. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- l. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- m. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- n. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- o. A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3 and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product

lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

- p. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- q. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.
- r. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

THREE PREVENTER HOOKUP  
CLASS III  
(MEETS 43 CFR, PARTS 3160, 3M SPECIFICATIONS)



**ONSHORE ORDER NO. 1**  
**PG & E Resources Company**  
**Federal #22-8H**  
**2027' FNL and 2018' FWL**  
**SE NW Sec. 8, T9S - R17E**  
**Duchesne County, Utah**

**CONFIDENTIAL - TIGHT HOLE**

**Lease No. U-10760**

**SURFACE USE PLAN**  
**Page 1**

**ONSHORE OIL & GAS ORDER NO. 1**

**NOTIFICATION REQUIREMENTS**

- |  |   |
|--|---|
| <b>Location Construction -</b>           | <b>forty-eight (48) hours prior to construction of location and access roads.</b>   |
| <b>Location Completion -</b>             | <b>prior to moving on the drilling rig.</b>   |
| <b>Spud Notice -</b>                     | <b>at least twenty-four (24) hours prior to spudding the well.</b>  |
| <b>Casing String and Cementing -</b>     | <b>twenty-four (24) hours prior to running casing and cementing all casing strings.</b>   |
| <b>BOP and Related Equipment Tests -</b> | <b>twenty-four (24) hours prior to initiating pressure tests.</b>   |
| <b>First Production Notice -</b>         | <b>within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.</b> |

The onsite inspection for the subject well was conducted on Tuesday, July 12, 1994 at approximately 4:00 p.m. Weather conditions were warm and windy. In attendance at the onsite inspection were the following individuals:

**Robert Kay**  
**Lisa Smith**  
**Ralph Brown**  
**Jake Neves**

**Uintah Engineering and Land Surveying**  
**Permitco Inc.**  
**Bureau of Land Management**  
**Drilling Consultant/PG & E**

**1. Existing Roads**

- a. The proposed well site is located approximately 14.5 miles south of Myton, Utah.**



- b. Directions to the location from Myton, Utah are as follows:

From Myton proceed southwesterly on Highway 40 for 1.5 miles. Turn left onto County Road #53 and #216 and proceed southeasterly for 11.2 miles to the Castle Peak Mine. Turn right and proceed southwesterly for 1.2 miles. Turn right and proceed northwesterly for 0.6 miles to the location.

- c. For location of access roads within a 2-Mile radius, see Maps A & B.
- d. Improvement to the existing access will not be necessary. All roads (with the exception of the last 0.6 miles) are county maintained.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. Planned Access Roads

- a. No new access will be required. The existing road skirts the edge of the wellpad. Corner 2 will be rounded off in order to avoid re-routing the road. The road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.
- b. The maximum grade (of the existing road) is approximately 4%.
- c. No turnouts are planned.
- d. No low water crossings will be necessary. There are no major cuts and fills. No culverts and/or bridges will be required.

- e. It was not necessary to centerline flag the access road since the road is existing.
- f. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.
- g. No cattleguards will be necessary.
- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- j. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- k. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.





ONSHORE ORDER NO. 1  
PG & E Resources Company  
Federal #22-8H  
2027' FNL and 2018' FWL  
SE NW Sec. 8, T9S - R17E  
Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-10760

SURFACE USE PLAN

Page 4

l. This application is to serve as our request for a right of way to the subject well. Approximately 2600 feet of access road is located outside of lease number U-10760. See Map "B" for location of access roads and requested right of way.

m. Lands to be affected are as follows:

T9S - R17E

Sec. 8: N/2 SE, SW NE

n. The road will be used for 30 years or the entire life of the well, whichever is longer.

o. Attached is our check in the amount of \$175.00 to cover the application and monitoring fees.

3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location.  
(See Map #C).

- a. Water wells - none
- b. Injection wells - none
- c. Producing wells - two
- d. Drilling wells - none
- e. Shut-in wells - none
- f. Temporarily abandoned wells - none
- g. Disposal wells - none
- h. Abandoned wells - one
- i. Dry Holes - none

4. Location of Tank Batteries and Production Facilities.

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Desert Tan (10YR6/3). All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
- b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the wellpad shall be surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- c. A Sundry Notice will be submitted showing placement of all production facilities prior to construction.
- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.
- f. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.

- g. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- h. Any necessary pits will be properly fenced to prevent any wildlife entry.
- i. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- k. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- l. The road will be maintained in a safe useable condition.

5. Location and Type of Water Supply

- a. All water needed for drilling purposes will be obtained from the Hicken Pond which is located N 475' W, 40' from the South quarter corner of Section 12, T4S - R2W, Duchesne County, Utah. Permit No. 47-1437 (Dalbo).
- b. Water will be hauled to location over the roads marked on Maps A and B.
- c. No water well is to be drilled on this lease.
- d. A copy of the approved water permit is attached.

6. Source of Construction Material

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.

7. Methods of Handling Waste Disposal

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- b. A 12 mil plastic nylon reinforced liner is utilized. The pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- e. Drill cuttings are to be contained and buried in the reserve pit.

- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

8. Ancillary Facilities

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. The reserve pit will be located on the east side of the location.
- b. The flare pit will be located downwind of the prevailing wind direction on the south side, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.
- c. The stockpiled topsoil (first six inches) will be stored on the south side of the location north of points 6 and 8.
- d. Access to the wellpad will be from the north at corner 2.
- e. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- f. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- g. During construction, all brush will be removed from the wellpad and access road and stockpiled separately from the topsoil.

- h. All pits will be fenced according to the following minimum standards:
1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
  2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
  3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
  4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
  5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

10. Plans for Restoration of Surface

Producing Location

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.

- c. The plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.
- e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The following seed mixture will be used unless another seed mixture is deemed to be more suitable for the location.

<u>Seed Mixture</u>	<u>Pounds/Acres*</u> <u>Pure Live Seed</u>
Forage Kochia (Kochia prostrata)	1
Ephriam Crested Wheatgrass (Agropyron cristatum Ephriam)	5
Russian Wildrye (Elymus junceus)	4
Fourwing Saltbush (Atriplex canescens)	2

\*Rate if drilled. If broadcast, mixture will be doubled.  
A harrow will be drug over the location to assure seed cover.

**Dry Hole**

- f. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

**11. Surface Ownership**

**Access Roads** - All roads are County maintained or managed by the Bureau of Land Management.

**Wellpad** - The well pad is located on lands owned by the BLM.

**12. Other Information**

- a. A Class III archeological survey was conducted by Sagebrush Archeological Consultants. A copy of this report is attached.
- b. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
  - a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.





- c. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- d. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.
- e. A silt catchment dam and basin will not be required.
- f. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- g. A complete copy of the approved APD and ROW grant shall be on location during construction of the location and drilling activities.
- h. There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.
- i. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

- j. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.
- k. The operator or his contractor shall contact the BLM Offices at 801/789-1362 48 hours prior to construction activities.
- l. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.
- m. In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kencska	Petroleum Engineer	801/781-1190
Ed Forsman	Petroleum Engineer	801/789-7077
BLM Fax Machine		801/789-3634

13. Lessee's or Operator's Representative and Certification

Permit Matters

PERMITCO INC.  
Lisa L. Smith  
13585 Jackson Drive  
Denver, CO 80241  
303/452-8888

Drilling & Completion Matters

PG & E Resources Company  
6688 N. Central Expressway  
Suite 1000  
Dallas, TX 75206-3922  
Gary Whetstine - 214/750-3800  
Jim LaFevers - 214/750-3800 (Regulatory)

ONSHORE ORDER NO  
PG & E Resources Company  
Federal #22-8H  
2027' FNL and 2018' FWL  
SE NW Sec. 8, T9S - R17E  
Duchesne County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. U-10760

SURFACE USE PLAN

Page 14


Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by PG & E Resources Company and its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

July 13, 1994

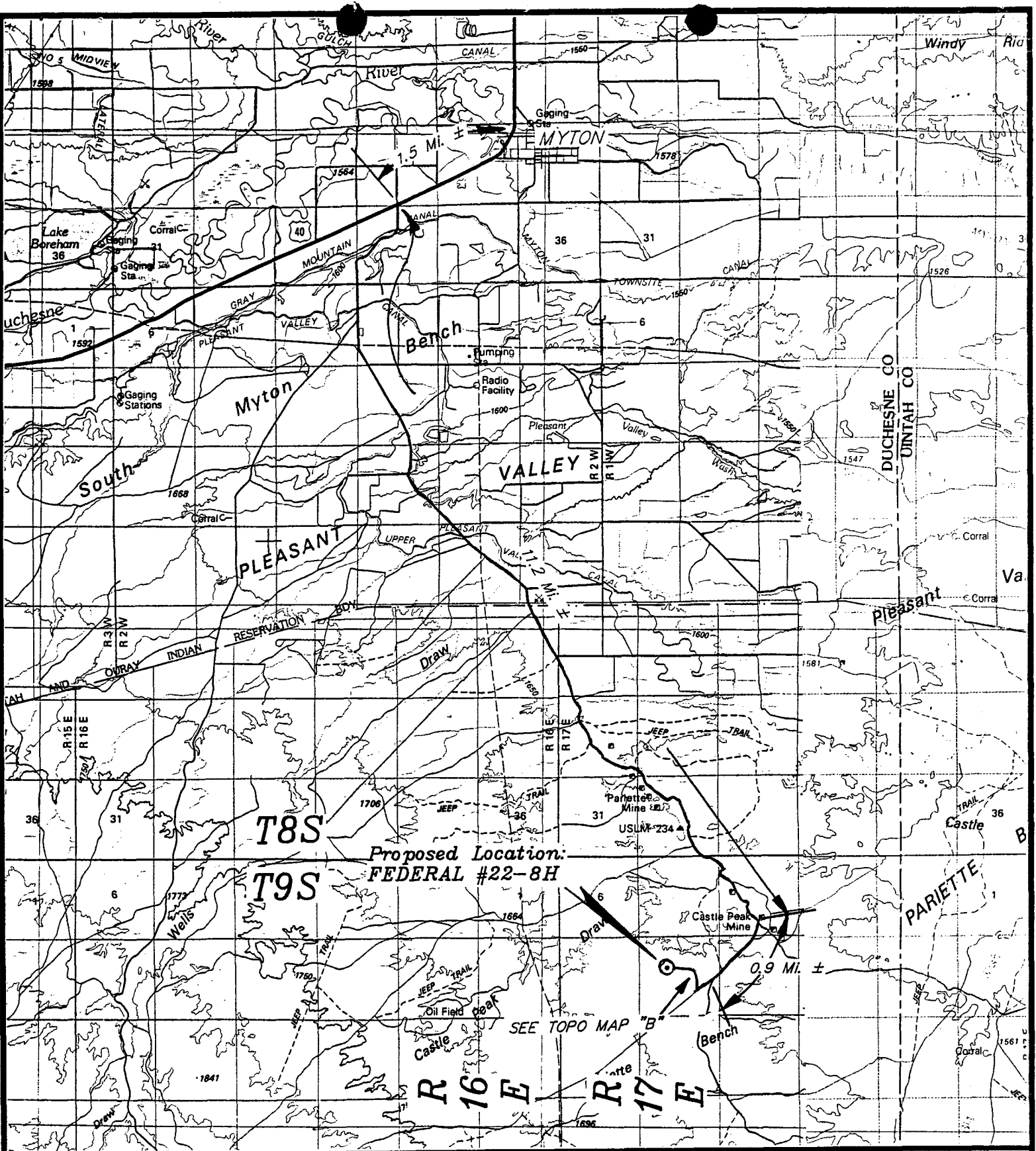
Date:



\_\_\_\_\_  
Lisa L. Smith - PERMITCO INC.

Authorized Agent for:

PG & E Resources Company



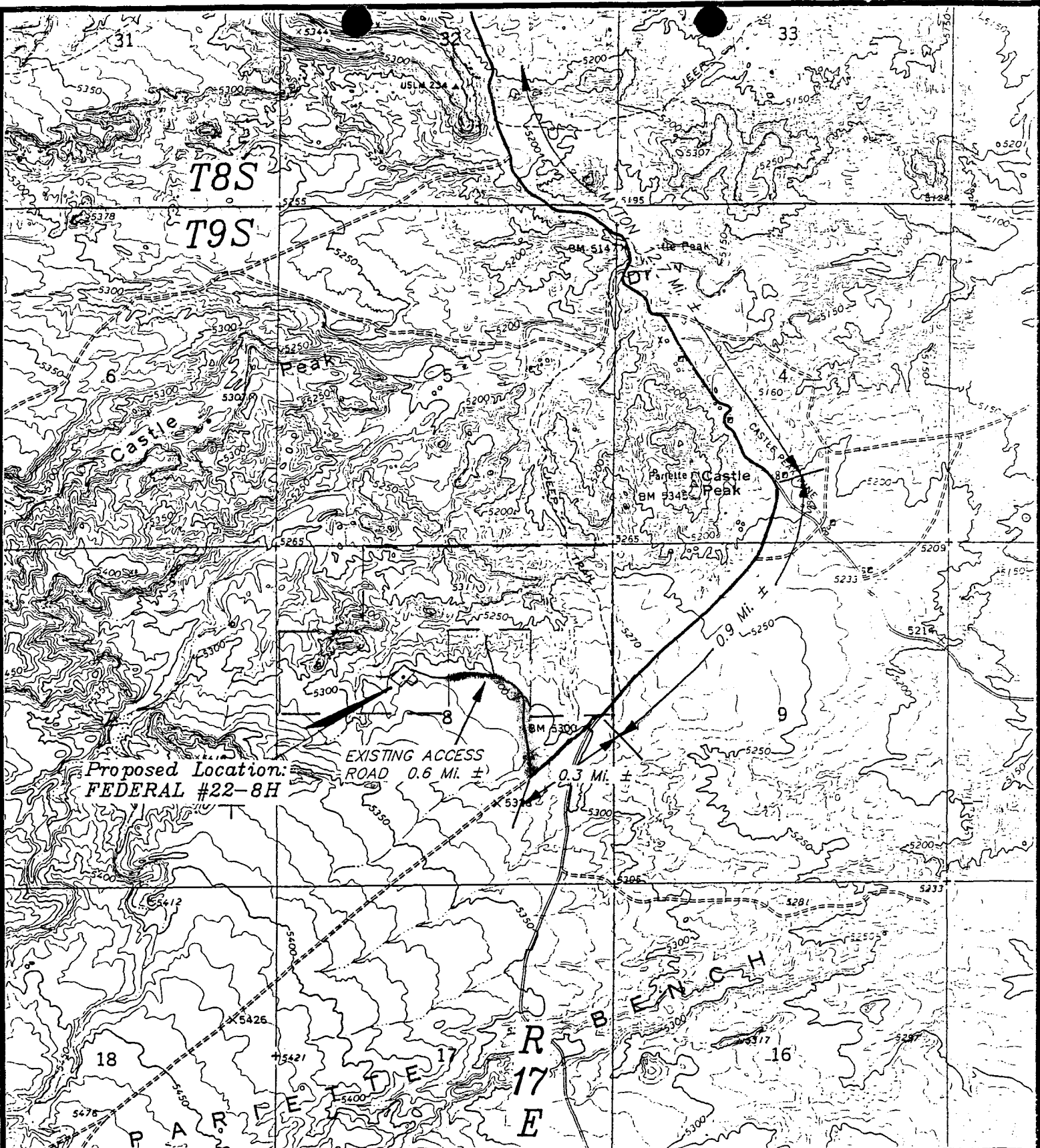
TOPOGRAPHIC  
MAP "A"

DATE: 7-10-94 C.B.T.



PG&E RESOURCES COMPANY

FEDERAL #22-8H  
SECTION 8, T9S, R17E, S.L.B.&M.  
2027' FNL 2018' FWL



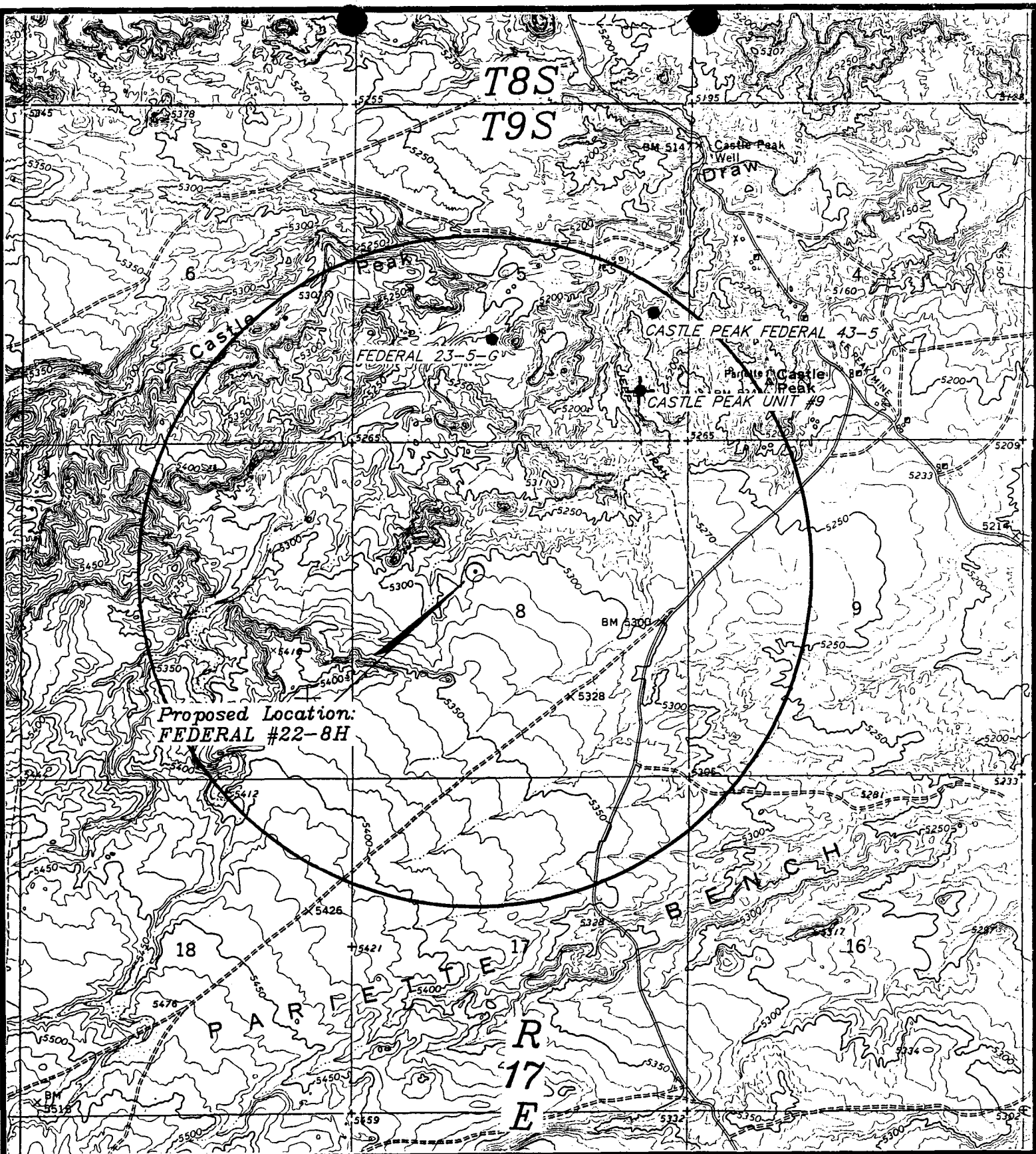
— — — Lease Boundary  
 ROW Requested

TOPOGRAPHIC  
 MAP " B "

SCALE: 1" = 2000'  
 DATE: 7-10-94 C.B.T.



PG&E RESOURCES COMPANY  
 FEDERAL #22-8H  
 SECTION 8, T9S, R17E, S.L.B.&M.  
 2027' FNL 2018' FWL



# **LEGEND:**

- ◊ = Water Wells
- ◆ = Abandoned Wells
- = Temporarily Abandoned Wells
- ◊ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells



**PG&E RESOURCES COMPANY**

FEDERAL #22-8H

SECTION 8, T9S, R17E, S.L.B.&M.

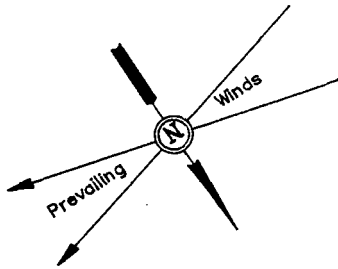
**TOP O MAP "C"**

DATE: 7-10-94 C.B.T.

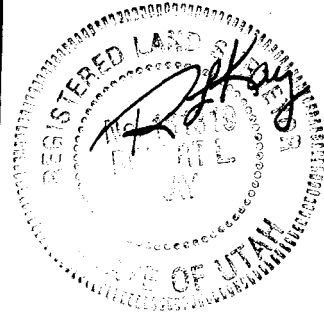
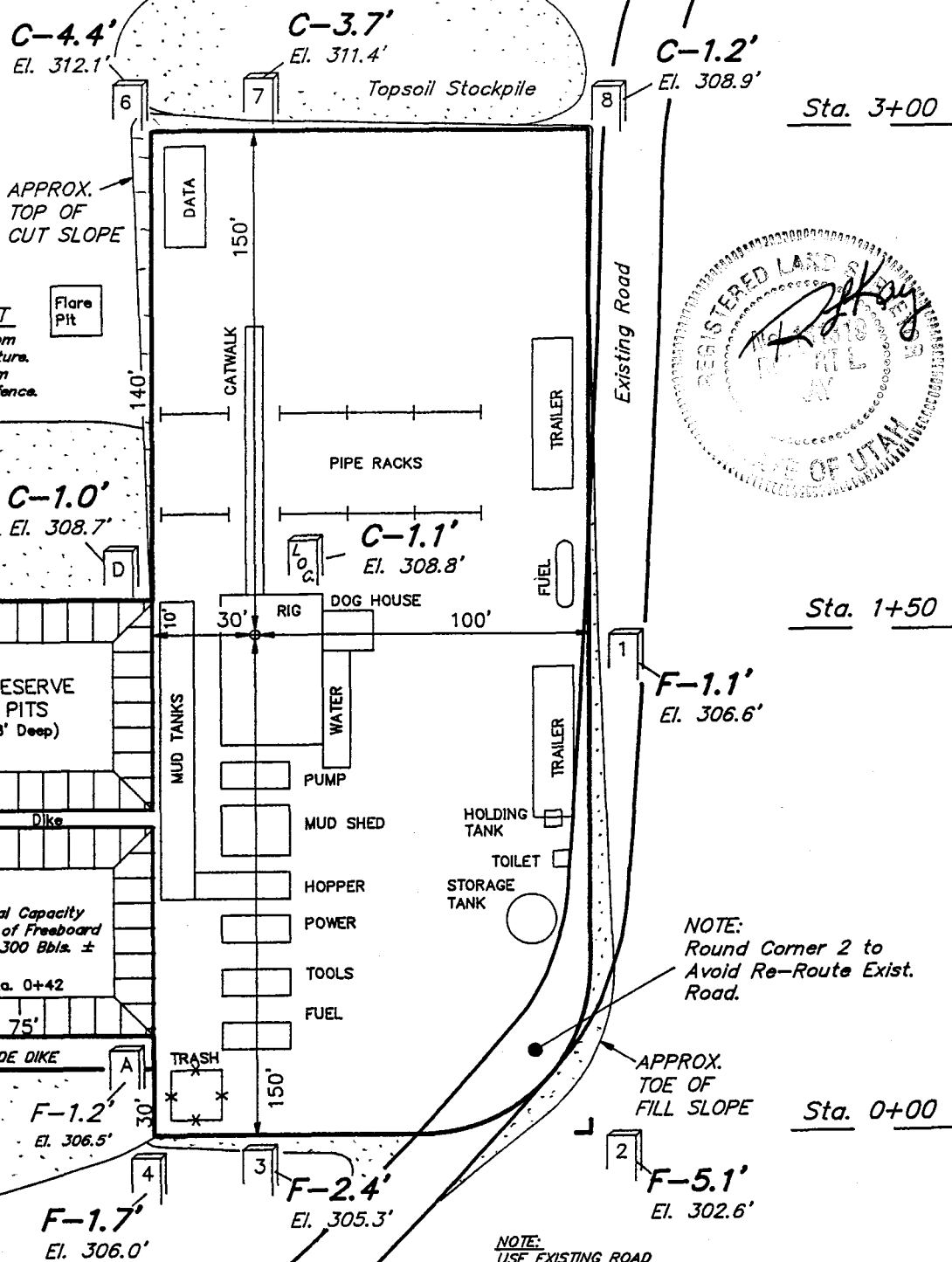
# PG&E RESOURCES COMPANY

## LOCATION LAYOUT FOR

FEDERAL #22-8H  
SECTION 8, T9S, R17E, S.L.B.&M.  
2027' FNL 2018' FWL



SCALE: 1" = 50'  
DATE: 7-9-94  
Drawn By: D.R.B.



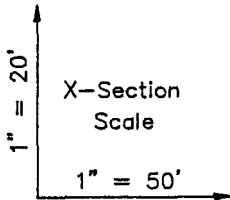
# PG&E RESOURCES COMPANY

## TYPICAL CROSS SECTIONS FOR

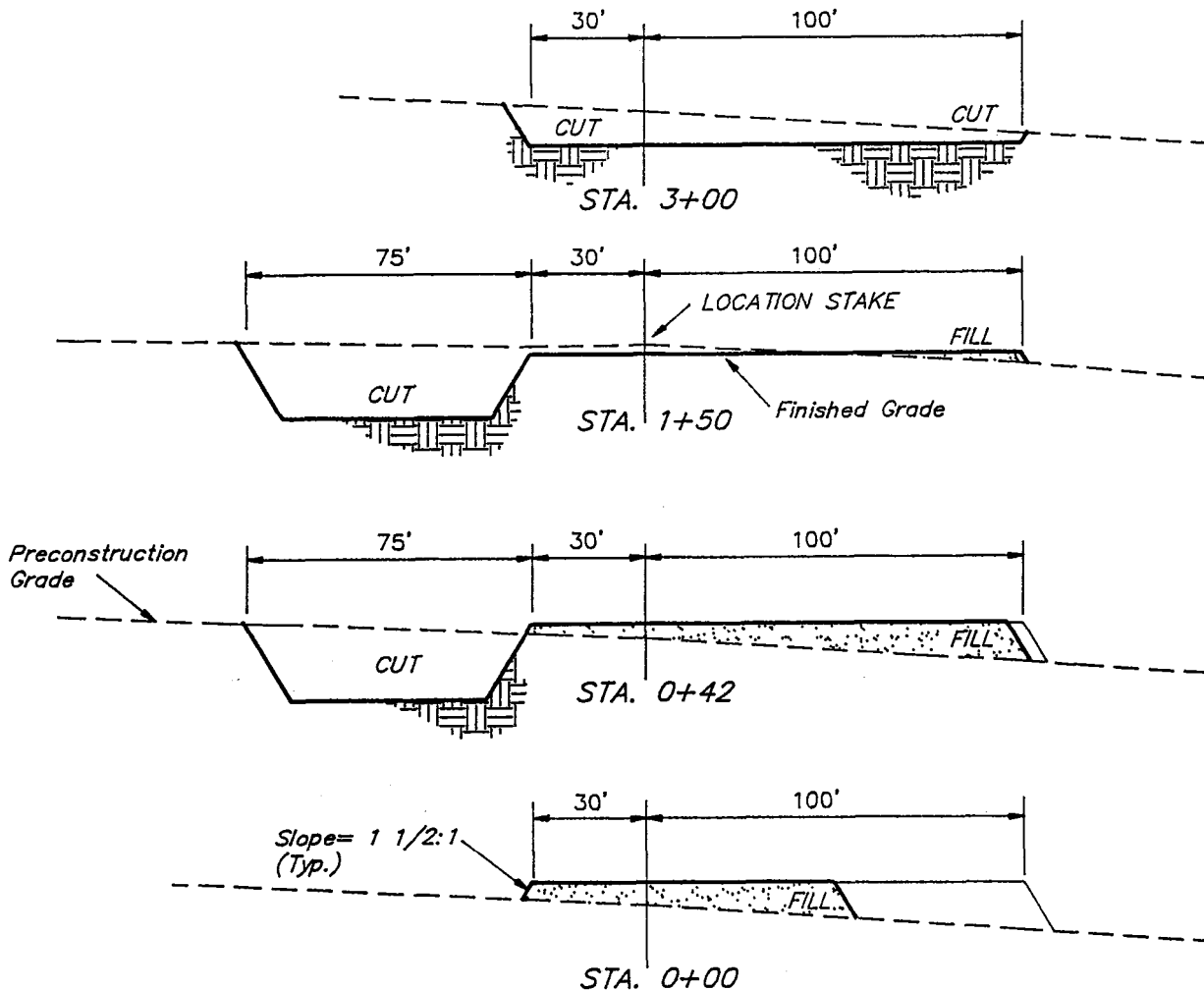
FEDERAL 22-8H

SECTION 8, T9S, R17E, S.L.B.&M.

2027' FNL 2018' FWL



DATE: 7-9-94  
Drawn By: D.R.B.



### APPROXIMATE YARDAGES

CUT  
(6") Topsoil Stripping = 900 Cu. Yds.  
Remaining Location = 2,880 Cu. Yds.  
TOTAL CUT = **3,780 CU.YDS.**  
FILL = **1,800 CU.YDS.**

EXCESS MATERIAL AFTER  
5% COMPACTION = 1,880 Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 1,880 Cu. Yds.  
EXCESS UNBALANCE  
(After Rehabilitation) = 0 Cu. Yds.



**There are no federal stipulations at this time.**

**A CULTURAL RESOURCES SURVEY OF  
THREE PG&E WELL PADS IN THE VICINITY OF PARIETTE BENCH,  
DUCHESNE COUNTY, UTAH**

by

Heather M. Weymouth  
Archaeologist

and

Rebecca L. Morgan  
Archaeologist

Prepared for:

PG&E Resources Company  
6688 North Central Expressway, Suite 1000  
Dallas, Texas 75206-3922

Prepared by:

Sagebrush Archaeological Consultants, L.L.C.  
3670 Quincy Avenue, Suite 203  
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 93-UT-54630

and

Utah State Antiquities Permit No. U-94-SJ-448b

Archaeological Report No. 675

July 8, 1994

## INTRODUCTION

In June 1994, PG&E Resources Company (PG&E) of Dallas, Texas requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural resources inventory of three well pads and accompanying access roads located on lands controlled by the Bureau of Land Management (BLM) for proposed PG&E Wells #21-9H, #14-9H, and #22-8H in Duchesne County, Utah. All three wells sites lie on lands controlled by the BLM.

The proposed wells are located in T. 9S., R. 17E., S. 9 NE $\frac{1}{4}$ NW $\frac{1}{4}$ ; S. 9 SW $\frac{1}{4}$ SW $\frac{1}{4}$ ; and S. 8 SE $\frac{1}{4}$ NW $\frac{1}{4}$  (Figure 1). The project area lies on USGS 7.5' Quadrangle Myton SE, Utah (1964). The project was carried out by the authors on July 6, 1994 under authority of Cultural Resources Use Permit No. 93-UT-54630 and Utah State Antiquities Permit No. U-94-SJ-448b.

A file search to identify previous cultural resources projects, known cultural resources sites and paleontological localities near the project area was conducted by the authors on July 6, 1994 at the Bureau of Land Management, Vernal District Office. An additional file search was conducted by Reba Morgan on July 7, 1994, at the Division of State History, Utah State Historical Society, Salt Lake City.

More than 45 previous cultural resources projects have been conducted in the area of the present project. Due to the large number of projects in the area, the district archaeologist does not want all of individual project descriptions listed. 11 cultural resources sites, including both project related sites and individual sites, and three paleontological sites have been previously recorded in the vicinity of the current project area. Following is a brief description of each of these sites:

**Site 42Dc255.** This site, located on the west side of a small wash 1/8 mile east of Castle peak, consists of four dry laid, rough stone walls with an associated sandstone overhang. This site has not been evaluated for eligibility to the NRHP.

**Site 42Dc293.** This site, located on the south side of a draw 3/4 mile NE of Castle Peak, consists of several petroglyphs including two anthropomorphs, mountain sheep, a deer, and several figures with radiating lines. The petroglyphs are believed to be Fremont. This site has not been evaluated for eligibility to the NRHP.

**Site 42Dc350.** This site, located in shallow dunes along the south side of Castle Peak Draw approximately 1.5 miles W-NW of Castle Peak, consists of a sparse lithic scatter. This site has not been evaluated for eligibility to the NRHP.

**Site 42Dc353.** This site, located in desert pavement surfaces on top of an east-west ridge north of Castle Peak Draw, consists of a lithic scatter and temporary campsite. This site was recommended eligible to the NRHP.

**Site 42Dc404.** This site, located on the north side of a small draw approximately 1/2 mile north of Castle Peak, consists of a historic trash scatter. This site was recommended NOT eligible to the NRHP.

**Site 42Dc423.** This site, located on the east side of a small draw approximately 3/4 mile SW of Castle Peak, consists of a single, isolated, sandstone slab-lined hearth of unknown age. This site was recommended NOT eligible to the NRHP.

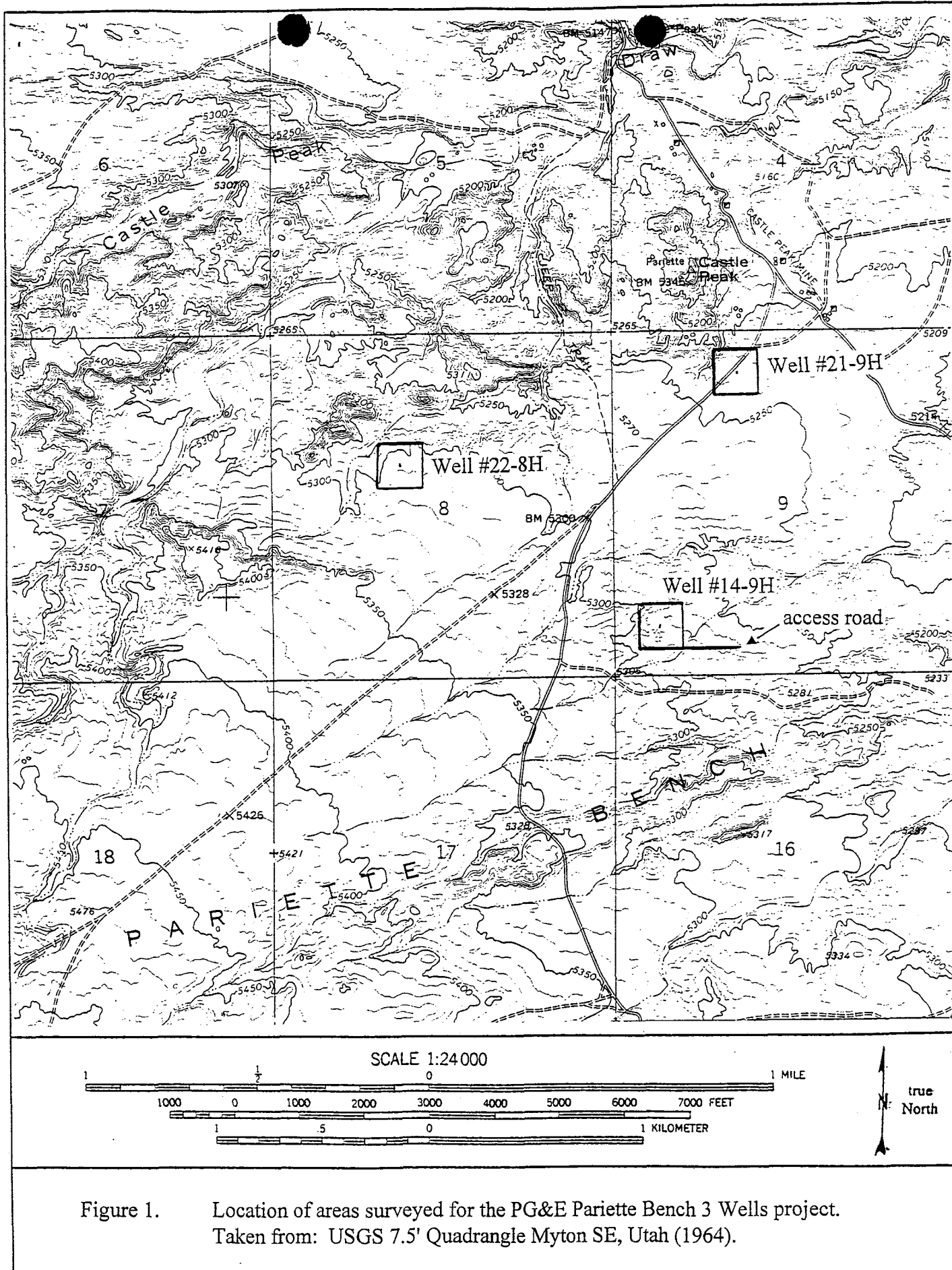


Figure 1. Location of areas surveyed for the PG&E Pariette Bench 3 Wells project. Taken from: USGS 7.5' Quadrangle Myton SE, Utah (1964).

**Site 42Dc424.** This site, located on the south side of a draw approximately one mile SW of Castle Peak, consists of one Pinto type projectile point, one large biface fragment, and five to ten flakes. This site was recommended NOT eligible to the NRHP.

**Site 42Dc425.** This site, located near the base of a low dune formation south of a small wash 1½ miles SW of Castle Peak, consists of a sparse lithic scatter. This site was recommended NOT eligible to the NRHP.

**Site 42DC765.** This site, located in the exposed bedrock ledges north of Pariette Bench, consists of a lithic scatter/rock shelter with an associated historic camp/trash scatter. This site was recommended eligible to the NRHP.

**Site 42Dc766.** This site, located on the top of a low dune in a tributary wash just south of Castle Peak Draw, consists of a sparse scatter of secondary flakes. This site was recommended eligible to the NRHP.

**Site 42Dc784.** This site, located on a terrace overlooking a stream bed north of Pariette Bench, consists of a lithic scatter comprised of 30+ flakes in all stages of tool manufacturing. This site was recommended eligible to the NRHP.

**Site 42Dc010V.** This site, located on a small bench along the southeast side of the two small pinnacles which lie just west of Castle Peak, consists of two small mammalian mandibles, one small cranium fragment, and a few unidentified fragments. This site has been evaluated as an important paleontological find.

**Site 42Dc011V.** This site, located on a flat bench south of Castle Peak Draw, consists of a sparse scatter of small vertebrate fragments. This site has been evaluated as insignificant.

**Site 42Dc012V.** This site, located in a tributary drainage just north of Castle Peak Draw, consists of a sparse scattering of small vertebrate fragments. This site has been evaluated as insignificant.

The NRHP was consulted prior to the commencement of fieldwork for the present project. No listed NRHP sites were found located in the vicinity of the current project area.

## ENVIRONMENT

The project area lies south of Myton and north of Pariette Bench on a bench that is cut by ephemeral drainages. The elevation of the area ranges from approximately 5230 to 5310 feet a.s.l. Sediments consist of light brown to buff sand and sandy silts with little or no gravel content. Vegetation in the survey area consists of shadscale community species and covers approximately 20 percent of the area. Noted species include greasewood, horsebrush, rabbitbrush, bunchgrass, prickly pear cactus, and buckwheat. The vegetation in the surrounding area includes shadscale species, and riparian growth such as willow and other riparian species growing along the banks of Pariette Draw. The nearest permanent water source is Pariette Draw which lies between eight and nine miles to the northwest of the various well pads. Natural disturbance in the area is primarily in the form of aeolian movement of sand and some water erosion. Cultural disturbance includes agricultural use, grazing of livestock and a number of graded oil field roads which are present throughout much of the project area.

## METHODOLOGY

The survey area covered during this project consists of three 10 acre parcels of land centered on proposed well heads and one access road corridor connecting one of the three well locations to pre-existing access roads. The well pads were inventoried by the authors walking parallel transects spaced no more than 15 meters apart. The access road, which is 1000 feet in length, was walked in two parallel transects spaced 10 meters apart to cover a corridor width of 100 feet (30 meters). The areas surveyed during this project (including both well pads and the access road) totaled 32.30 acres.

## RESULTS

Two cultural resource isolated finds and one paleontological isolated find were recorded during this survey. IF-1 is a violet bottle base with two associated bottle body fragments. The base has the number "3" on the center and measures 1½" wide and 3¼" long. It appears to have been an oval liquor bottle. IF-2 is a corner notched projectile point. The material is a milky white quartzite with pink-orange speckles through it. The tip and the base are missing. The point measures 2.5 cm wide by 2.5 cm long and is 0.5 cm thick. All measurements are at widest points.

The paleontological isolated find consists of what appears to be shell fragments from a single turtle shell weathering out of the bottom of a low ridge. There are 15-20 fragments of highly weathered, tan shell fragments scattered over a 20 meters E-W by 10 meters N-S. The fragments lack integrity of location and association.

## RECOMMENDATIONS

Two cultural resource isolated finds and one paleontological find were recorded in the project area. All of these finds are considered to be non-significant to the archaeological and paleontological record. Therefore it is recommended that the proposed project proceed as planned.

This investigation was conducted with techniques which are considered to be adequate for evaluating cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the BLM District Archaeologist, Vernal District Office, Vernal, Utah.

# APPLICATION FOR TEMPORARY CHANGE OF WATER

## STATE OF UTAH

Rec. by \_\_\_\_\_

Fee Paid \$ \_\_\_\_\_

Receipt # \_\_\_\_\_

Microfilmed \_\_\_\_\_

Roll # \_\_\_\_\_

For the purpose of obtaining permission to make a temporary change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Section 73-3-3 Utah Code Annotated 1953, as amended.

CHANGE APPLICATION NUMBER: a17992

WATER RIGHT NUMBER: 47 - 1437

\*\*\*\*\*

This Change Application proposes to change the PLACE OF USE and NATURE OF USE.

\*\*\*\*\*

### 1. OWNERSHIP INFORMATION.

A. NAME: Keith Hicken  
c/o Dalbo Inc.  
ADDRESS: Route 3, Myton, UT 84052

B. PRIORITY OF CHANGE: April 18, 1994

FILING DATE: April 18, 1994

C. RIGHT EVIDENCED BY: A26762

\*-----\*

\* DESCRIPTION OF CURRENT WATER RIGHT: \*

\*-----\*

### 2. SOURCE INFORMATION.

A. QUANTITY OF WATER: 1.85 cfs

B. DIRECT SOURCE: Gorman Draw

COUNTY: Duchesne

C. POINT OF DIVERSION -- SURFACE:

(1) N 475 feet W 40 feet from S $\frac{1}{2}$  corner, Section 12, T 4S, R 2W, USBM

### 3. STORAGE. Water is diverted for storage into:

(1) Gorman Draw reservoir, from Jan 1 to Dec 31.

CAPACITY: 80.000 ac-ft.

Area inundated includes all or part of the following legal subdivisions:

BASE TOWN	RANG	SEC	NORTH-EAST $\frac{1}{4}$				NORTH-WEST $\frac{1}{4}$				SOUTH-WEST $\frac{1}{4}$				SOUTH-EAST $\frac{1}{4}$			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
SL	4S	2W											X	X			X	
		13		X				X	X									

Temporary Change

**4. WATER USE INFORMATION.**

The Water Right represented by this change application is SUPPLEMENTAL to other Water Rights.

IRRIGATION: from Apr 15 to Oct 15.

IRRIGATING: 82.70 acres.

SOLE SUPPLY: 50.00 acres

**5. PLACE OF USE.** (Which includes all or part of the following legal subdivisions:)

BASE TOWN	RANG	SEC	NORTH-EAST:				NORTH-WEST:				SOUTH-WEST:				SOUTH-EAST:			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
SL	4S	2W	12															
			13															

**6. EXPLANATORY.**

FLOW: Claims 1350 and 1437 limited to a combined flow of 1.85 c.f.s.

THE FOLLOWING CHANGES ARE PROPOSED:

**7. SOURCE INFORMATION.**

A. QUANTITY OF WATER: 4.0 acre-feet

REMAINING WATER: Same as HERETOFORE

B. DIRECT SOURCE: Unnamed Pond

COUNTY: Duchesne

C. POINT(S) OF DIVERSION -- SURFACE: Same as HERETOFORE.

D. COMMON DESCRIPTION: 4 miles south of Myton

**8. STORAGE.** Same as HERETOFORE**9. WATER USE INFORMATION.** Changed as Follows:

OIL EXPLORATION from Apr 18 to Apr 17.

Drilling and completion of wells in the Monument Buttes & South Myton Areas.

**10. PLACE OF USE.** Changed as Follows:**11. SIGNATURE OF APPLICANT(S).**

The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application, through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Signature of Applicant(s)



**12. SIGNATURE OF APPLICANT(S).**

The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application, through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Keith Hicken by Ken  
Signature of Applicant(s)

# UINTAH BASIN DISTRICT HEALTH DEPARTMENT

Reply To:

Uintah County Courthouse, Rm 20, Vernal, UT 84078 - (801) 781-0770 ☒  
 Duchesne County Courthouse, Box 210, Duchesne, UT 84021 - (801) 738-5370 ☐  
 Daggett County Courthouse, Box 156, Manila, UT 84046 - (801) 784-3494 ☐  
 Roosevelt Branch Office, 57 No. 100 East (83-7), Roosevelt, UT 84066 - (801) 722-5085 ☐

Joseph B. Shaffer, M.A.  
 Director  
 Health Officer  
 Lorraine Wilson, R.N.  
 Nursing Supervisor  
 Lowell Card, R.S.  
 Environmental Health  
 Supervisor  
 Carma Preece  
 Office Manager

## UINTAH BASIN DISTRICT HEALTH DEPARTMENT

Wastewater Permit Application  
for Drilling Sites

## FOR DEPARTMENT USE ONLY

Permit #: \_\_\_\_\_  
 Fee (\$55.00) received \_\_\_\_\_  
 Approved: \_\_\_\_\_  
 Date: \_\_\_\_\_

Board of Health Members  
 LaRae Sadlier  
 Thomas Howells  
 Alton Moon  
 William Durant, M.D.  
 Keith Goodspeed  
 Ellen Rawlings  
 Neal Domgaard  
 Richard Jolley, D.D.S.

DRILLING COMPANY Nabors Drilling U.S.A. RESPONSIBLE PARTY Larry Larson  
 ADDRESS 2801 Youngfield St., #178, Golden, CO PHONE NUMBER 303/234-1444  
 DRILLING FOR PG & E Resources Company  
 SITE LOCATION Federal #22-8H, SE NW Sec. 89, T9S - R17E, Duchesne County

APPROXIMATE DATES 7/22/94 TO 10/22/94

SERVICES: POTABLE WATER [X] YES [ ] NO, SUPPLIER Rocket Sanitation  
 CHEMICAL TOILETS [X] YES [ ] NO, SUPPLIER Rocket Sanitation  
 LIVING OR OFFICE UNITS: BUNKHOUSES 0  
 MOBILE HOMES 3  
 REC. VEHICLES 1

TOTAL UNITS 4  
 TOTAL PERSONNEL AT SITE Approx. 8

### WASTEWATER DISPOSAL PROPOSED:

X HOLDING TANK AND SCAVENGER PUMPING SERVICE If this system is used, indicate the licensed scavenger employed Rocket Sanitation  
 \_\_\_\_\_ SEPTIC TANK AND ABSORPTION SYSTEM If this system is proposed, please supply the following information:  
 1. A soil log prepared by a certified engineer or sanitarian using the unified soil classification system at least four feet below the intended absorption system depth.  
 2. Indicate the type of absorption system intended  
     [ ] Absorption field  
     [ ] Seepage trench  
     [ ] Seepage pit  
     [ ] Absorption bed

\_\_\_\_\_ OTHER Describe proposal in detail on an attached sheet.

In the space below provide a sketch or drawing of the site indicating:

1. Location of water supply and plumbing
2. Location of living units, offices etc.
3. Proposed wastewater system layout including septic tank or holding tank and absorption system if any.

**See rig layouts and topographic maps attached.**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/15/94

API NO. ASSIGNED: 43-013-31457

WELL NAME: FEDERAL 22-8H  
OPERATOR: PG&E RESOURCES (N0595)

PROPOSED LOCATION:

SENW 08 - T09S - R17E  
SURFACE: 2027-FNL-2018-FWL  
BOTTOM: 2027-FNL-2018-FWL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED  
LEASE NUMBER: U-10760

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal ☒ State ☐ Fee ☐  
(Number U-187011)  
N Potash (Y/N)  
N Oil shale (Y/N)  
Y Water permit  
(Number 47-1437)  
N RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

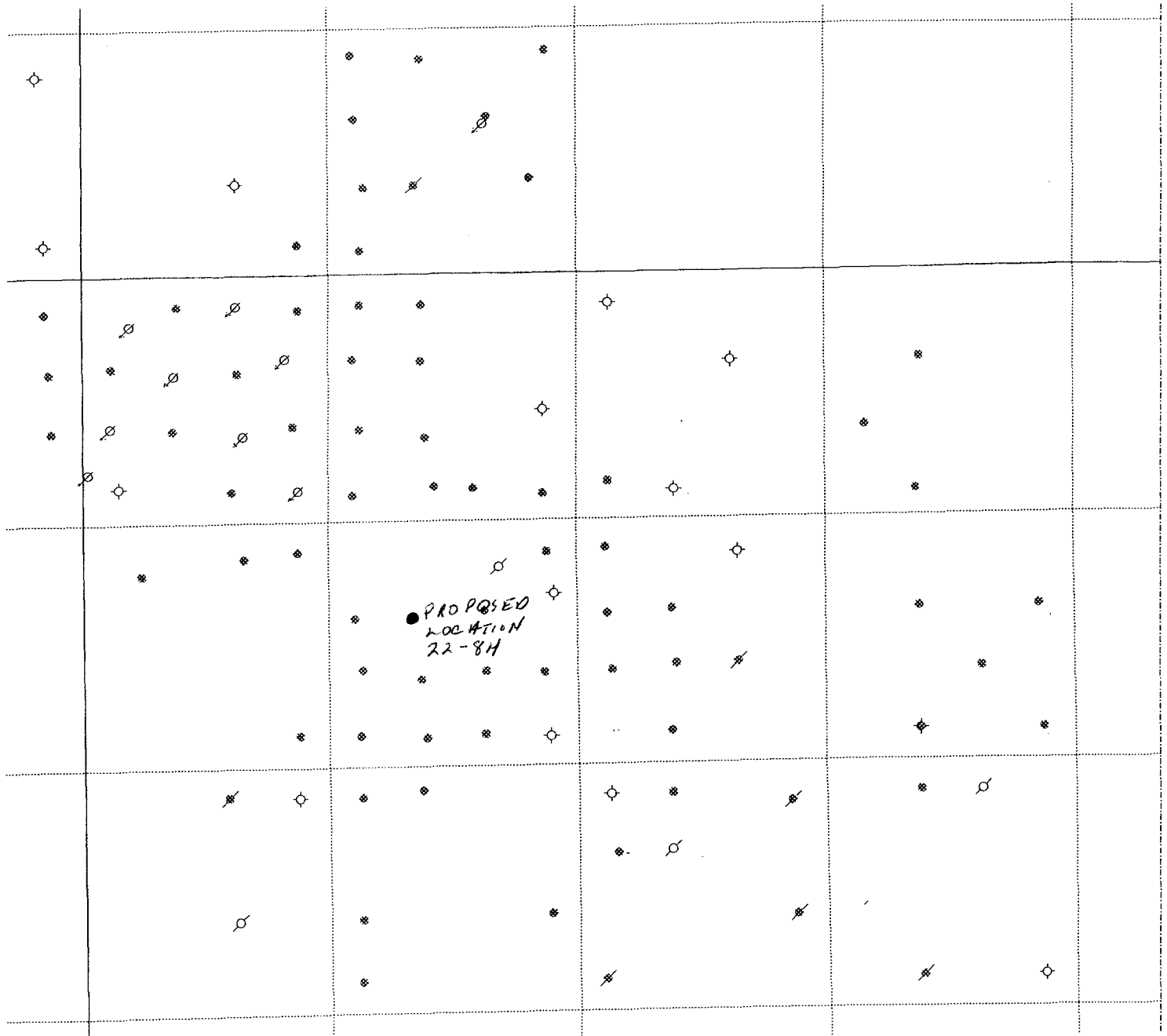
\_\_\_\_ R649-2-3. Unit: \_\_\_\_\_  
☒ R649-3-2. General.  
\_\_\_\_ R649-3-3. Exception.  
\_\_\_\_ Drilling Unit.  
\_\_\_\_ Board Cause no: \_\_\_\_\_  
\_\_\_\_ Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 12-4-95

# MONUMENT BUTTE LOCATIONS FOR FEDERAL 21-8H, 22-8H, 14-9H, & 21-9H



**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 5 of 5

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT  
 PG&E RESOURCES COMPANY  
 6688 N CENTRAL EXP #1000  
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595REPORT PERIOD (MONTH/YEAR): 8 / 94AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FEDERAL 7-24B 4304732227 11508 09S 19E 24		✓		✓ UTH 68625	(w. willow creek U?)	
✓ FEDERAL 15-24B 4304732420 11509 09S 19E 24	GRRV			✓ UTH 68625	(west willow creek Unit)	
✓ FEDERAL 5-24B 4304732447 11585 09S 19E 24	GRRV			✓ UTH 68625	(west willow creek Unit)	
✓ Blue Diamond 13-13B 4304732457 99999 9S 19E 13	Oil.	✓		✓ FEE	* 10-6-94 Bond updated. (w. willow creek?)	
✓ State 15-14B 4304732450 99999 9S 19E 24	"			✓ ML 45243	(w. willow creek)	
✓ Federal 7-17B 4304732479 11632 9S 19E 19	"			✓ UTH 65218		
✓ Federal 2-19 4304732477 99999 9S 19E 19	"			✓ U 65218		
✓ State 31-32 4304732500 11645 8S 18E 32	GRRV			✓ ML 22058		
✓ Federal 41-29 4304732495 11646 9S 18E 29	GRRV			✓ U 19267		
✓ Federal 13-20 4301331445 99999 9S 17E 20	"			✓ U 13905	(Rec'd 10-21-94)	
✓ Federal 44-18 4304732498 99999 9S 17E 18	"			✓ U 16544		
✓ Federal 22-8H 4301331457 11675 9S 17E 8	"			✓ U 10760	"	
✓ Federal 14-9H 4301331459 11677 9S 17E 9	"			✓ U 50750		
✓ Federal 21-9H 4301331458 11676 9S 17E 9	"			✓ TOTALS U 50750		
✓ Federal 21-8H 4301331460 99999 9S 17E 8	"			✓ U 10760		
✓ State 42-32 4304732473 99999 8S 18E 32	"			✓ ML 22058		
COMMENTS:						
✓ Federal 23-29 4304732556 99999 9S 18E 29	"			✓ U-19267		

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

September 1, 1994

PG & E Resources Company  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206

Re: Federal #22-8H Well, 2027' FNL, 2018' FWL, SE NW, Sec. 8, T. 9 S., R. 17 E.,  
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

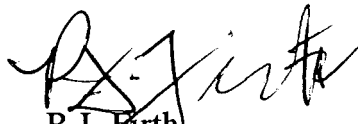
1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.
6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.



Page 2  
PG & E Resources Company  
Federal #22-8H Well  
September 1, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31457.

Sincerely,



R.J. Firth  
Associate Director

ldc  
Enclosures  
cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office  
WOI1

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: PG & E RESOURCES

WELL NAME: FEDERAL 22-8H

API NO. 43-013-31457

Section 8 Township 9S Range 17E County DUCHESNE

Drilling Contractor

Rig #

SPUDDED: Date 9/12/94

Time

How DRY HOLE

Drilling will commence

Reported by JAKE NEVES

Telephone # 1-828-8346

Date 9/12/94 SIGNED FRM



State of Delaware  
*Office of the Secretary of State*

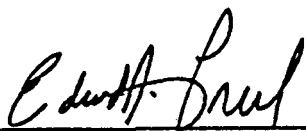
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I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION, WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.



  
\_\_\_\_\_  
Edward J. Freel, Secretary of State

2261176 8100M

AUTHENTICATION:

7242629

944175519

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP  
AND MERGER**

**MERGING**

**PG&E Resources Offshore Company  
a Delaware corporation**

**INTO**

**PG&E Resources Company  
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation  
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

**FIRST:** That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

**SECOND:** That Resources owns all of the outstanding shares of the capital stock of Offshore.

**THIRD:** That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

**"RESOLVED,** that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

**RESOLVED,** that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

**RESOLVED,** that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co.".

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams  
Name: Joseph T. Williams  
Title: President

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

**CONFIDENTIAL**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
PG&E Resources Company

3. Address and Telephone No.  
6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2027' FNL & 2018' FWL  
SE/4 NW/4 Section 8, T9S-R17E

5. Lease Designation and Serial No.  
U-10760

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA, Agreement Designation  
NA

8. Well Name and No.  
Federal 22-8H

9. API Well No.  
43-013-31457

10. Field and Pool, or Exploratory Area  
Pleasant Valley

11. County or Parish, State  
Duchesne County, Utah

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment

**TYPE OF ACTION**

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Drilling History
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached drilling history.

OCT 3 1994

14. I hereby certify that the foregoing is true and correct

Signed Cindy K. Deister Title Supervisor Regulatory Compliance Date 09/30/1994

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## WELL HISTORY

### Federal 22-8 H

Pleasant Valley Prospect  
Duchesne County, Utah  
(PG&E Resources Operated)

- 09-24-94 LD DP 6100', day 8, 295'/10 hrs, MW 8.4; Visc 27. Drill & survey, POOH. RU Halliburton, run Dual Laterlog & Spectral Density Dual Spaced Neutron. TIH, circ for csg & POOH LD DP. Survey  $1\frac{1}{4}^{\circ}$  at 6072'.
- 09-25-94 RR, day 9. Fin LD DP. RU csg crew, run 6104' of  $5\frac{1}{2}$ ", 17#, L-80, BT&C csg, cmt with Dowell. Pump 330 sx HiLift +  $\frac{1}{4}$ #/sk CelloFlake at 11 ppg with 3.91 yield, 550 sx Class G + 10% gypsum mixed at 14.2 ppg, 1.41 yield. Bump plug with 2210 psi, set slips with 80,000 lbs. Make rough cut, wash pits & RR at 10:00pm 9-24. DROP UNTIL COMPLETION.

## WELL HISTORY

**Federal 22-8 H**  
Pleasant Valley Prospect  
Duchesne County, Utah  
(PG&E Resources Operated)

09-12-94 Building loc. CC \$6020.

09-13-94 Drilled 12-1/4" hole to 350' with Bill Jr. Rathole Drilling. Survey .50° at 350'.

09-14-94 Run 8 jts 9-5/8", 36#, K-55 csg to 352', cmt with 200 sx Class G mixed at 15.8 ppg with 1.15 yield + .025% Cello Flake + 2% calcium chloride. Circ cmt to surf, bump plug with 400 psi, floats would not hold. WOC. Cut off 9-5/8" csg, weld on 9-5/8" x 11" 3000 starting head, test to 950 psi. Drill rat & mouse holes, make ready to move drilling rig on loc.

09-15-94 MIRU. Will break tower today.

09-16-94 Drilling 392', day 1, 28 1/1 hr, MW 8.3, Visc 26. NU BOPE, test BOPE & related equip to 3000 psi (hydril to 1500 psi). Test csg to 1500 psi, press bled to 500 psi in 7 min. PU cup tester, TIH to 240', test csg to 1500 psi. Replace boot in accumulator bottle, PU bit, drill float & shoe (shoe at 364'). Drill ahead.

09-17-94 Drilling 1445', day 2, 1063 1/22 hrs, MW 8.3, Visc 26. Drill & survey. Survey 1/2° at 1415'.

09-18-94 Drilling 2700', day 3, 1250 1/22 1/2 hrs, MW 8.3, Visc 26. Drill & survey. Survey 1 1/2° at 2423'.

09-19-94 Drilling 3585', day 4, 885 1/20 hrs, MW 8.3, Visc 26. Drill & survey. Survey 2 1/4° at 3475'.

09-19-94 Drilling 4400', day 5, 815 1/22.5 hrs, MW 8.4, Visc 26. Survey 2-1/2 ° at 4338'.

09-21-94 Drilling 4932', day 6, 532 1/17 hrs, MW 8.3, Visc 26. Drilled to 4849', lost 200 psi pump pressure, trip for wash out, 25 stand + a single, TIH, no fill and drilling looking for core point. Survey 4865' at 2-3/4 °.

09-22-94 TIH with bit at 5107', day 7, 175 1/10 hrs, MW 8.6, Visc 32, WL 9.6. Drill to 5077', POOH. PU core barrel, TIH, core 5077-5107', barrel jammed. POOH, rec'd approx 10.9'. PU bit & TIH. Survey 3° at 5050'.

09-23-94 Drilling 5805', day 8, 698 1/20 1/2 hrs, MW 8.3, Visc 26. Drill & survey. Survey 2° at 5574'.

OPERATOR PG&E Resources Company

OPERATOR ACCT. NO. N 0595

ADDRESS 6688 N. Central Expwy., Suite 1000

Dallas, TX 75206

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG		
A	99999	11675	43-013-31457	Federal 22-8H	NW	8	9S	17E	Duchesne	09/13/94
WELL 1 COMMENTS: <i>Entities added 10-5-94. Jec</i>										
A	99999	11676	43-013-31458	Federal 21-9H	NW	9	9S	17E	Duchesne	09/28/94
WELL 2 COMMENTS:										
A	99999	11677	43-013-31459	Federal 14-9H	SW	9	9S	17E	Duchesne	09/25/94
WELL 3 COMMENTS:										
WELL 4 COMMENTS:										
WELL 5 COMMENTS:										

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

*Cindy B. Feister*  
Signature

Supervisor

Regulatory Compliance Date 09/30/94

Phone No. (214) 706-3640

OCT 3

DALEN Resources  
Oil & Gas Co.



October 5, 1994

OCT 11

Lisha Romero  
State Oil & Gas Office  
3 Triad Center  
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson  
Regulatory Analyst

JJ/sw  
Enclosures

cc: Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078



DALEN Resources  
Oil & Gas Co.



October 18, 1994

Lisha Cordova  
Division of Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Lisha:

In reference to our telephone conversation on October 17, I have enclosed copies of the following Sundry notices you requested.

Federal #13-20	Duchesne Co., Utah
Federal #22-8H	Duchesne Co., Utah
Federal #14-9H	Duchesne Co., Utah
Federal #21-8H	Duchesne Co., Utah
Federal #21-9H	Duchesne Co., Utah
Federal #42-32	Unitah Co., Utah
✓ Federal #32-31	Unitah Co., Utah

If you have any questions or need additional information, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson  
Regulatory Analyst

JJ/sw  
Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

OCT 27 1994

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2027' FNL & 2018' FWL

SE/4 NW/4 Section 8, T9S-R17E

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 22-8H

9. API Well No.

43-013-31457

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Operator name change  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. effective 10/1/94.

14. I hereby certify that the foregoing is true and correct

Signed Jim Johnson Title Regulatory Analyst Date 10/11/1994

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS OCT 17 1994

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2027' FNL & 2018' FWL  
SE/4 NW/4 Section 8, T9S-R17E

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 22-8H

9. API Well No.

43-013-31457

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Duchesne County, Utah

CONFIDENTIAL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Completion History  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached daily completion history.

14. I hereby certify that the foregoing is true and correct

Signed Cindy B. Seider Title Supervisor Regulatory Compliance Date 10/14/1994

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

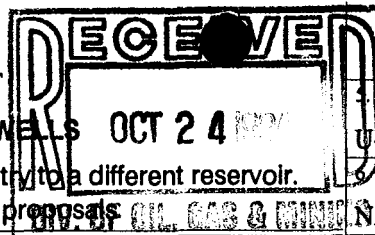
## WELL HISTORY

### Federal 22-8 H

Pleasant Valley Prospect  
Duchesne County, Utah  
(PG&E Resources Operated)

- 10-08-94 BLM notified of operations. Deadman installed, MIRU Flint.
- 10-09-94 Install BOPE. GIH with 4¾" bit, 5½" csg scraper on 2-7/8", J-55, EUE 8rd tbg, tag plug back TD at 6049' KB. Circ hole clean with treated KCl wtr.
- 10-10-94 POOH with tbg & tools. Run GR/JB & CBL/GR, good bonding thru all perf intervals. Good bonding above & below all intervals except for fair bonding below top interval (Middle "A" Sand), TOC at 908'. Press test 5½" csg to 5000 psi for 15 min (ok). Perf using 4" csg gun at 5428-32' & 5430-40' (16 holes).
- 10-11-94 MI Serfco Serv Co to break down & acidize "F" zone perfs 5428-40'. Break down & acidize down csg with 1000 gal 7½% HCl with iron seq + surfactant + silt suspension & 30 7/8" RCN 1.356 balls. Treat at 10 BPM with 1800 psi, ball out to 4800 psi, ISIP 1250 psi. Surge well 3 times with multi-surge to drop ball sealers. Flow back & swab back load acid & wtr, total 151 BLWTR. GIH with 2-7/8" tbg OE, swab 8 hrs, rec'd 256 BLW with a show of gas cut oil, final swab rate 31 BLW/hr. All load rec'd (105 bbl over load), FFL at 5000'.
- 10-12-94 GIH with swab and tag fluid level at 5000', pull from SN at 5450', rec 2.6 BLF with trace oil. Swab total 16 BLW with trace of oil & gas (14 BLWTR). Last swab test - .86 BPH with trace of oil & gas. Displace hole with 3% KCl filtered wtr, POOH. (Note: Report on 10-11-94 was in error when it indicated all load has been rec'd).
- 10-13-94 Run Miller WL RBP, could not get below 750' POOH. RIH with 2-7/8" tbg to 1500', displace csg with 250° 3% KCl wtr, POOH. Run Miller WL RBP & set at 5400' (no tight spots). Test BP to 2500 psi (ok). RIH with WL bailer, spot 2 sx sand on RBP. Perf 5116-26' with 1 SPF (11 holes), hole full of fluid, stayed static, all shots fired. Perf 5078-5101' with 1 SPF (25 holes), hole full of fluid when shot, well on slight vac after perf.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals.

1. Lease Designation and Serial No. U-10760  
2. If Indian, Allottee or Tribe Name NA

SUBMIT IN TRIPLICATE

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2027' FNL & 2018' FWL

SE/4 NW/4 Section 8, T9S-R17E

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 22-8H

9. API Well No.

43-013-31457

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Completion History  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached daily completion history.

14. I hereby certify that the foregoing is true and correct

Signed

*Cindy B. Beister*

Title Supervisor Regulatory Compliance

Date 10/21/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UTAH DOGM

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## WELL HISTORY

### Federal 22-8 H

Pleasant Valley Prospect

Duchesne County, Utah

(PG&E Resources Operated)

- 10-08-94 BLM notified of operations. Deadman installed, MIRU Flint.
- 10-09-94 Install BOPE. GIH with 4 3/4" bit, 5 1/2" csg scraper on 2-7/8", J-55, EUE 8rd tbg, tag plug back TD at 6049' KB. Circ hole clean with treated KCl wtr.
- 10-10-94 POOH with tbg & tools. Run GR/JB & CBL/GR, good bonding thru all perf intervals. Good bonding above & below all intervals except for fair bonding below top interval (Middle "A" Sand), TOC at 908'. Press test 5 1/2" csg to 5000 psi for 15 min (ok). Perf using 4" csg gun at 5428-32' & 5430-40' (16 holes).
- 10-11-94 MI Serfco Serv Co to break down & acidize "F" zone perfs 5428-40'. Break down & acidize down csg with 1000 gal 7 1/2% HCl with iron seq + surfactant + silt suspension & 30 7/8" RCN 1.356 balls. Treat at 10 BPM with 1800 psi, ball out to 4800 psi, ISIP 1250 psi. Surge well 3 times with multi-surge to drop ball sealers. Flow back & swab back load acid & wtr, total 151 BLWTR. GIH with 2-7/8" tbg OE, swab 8 hrs, rec'd 256 BLW with a show of gas cut oil, final swab rate 31 BLW/hr. All load rec'd (105 bbl over load), FFL at 5000'.
- 10-12-94 GIH with swab and tag fluid level at 5000', pull from SN at 5450', rec 2.6 BLF with trace oil. Swab total 16 BLW with trace of oil & gas (14 BLWTR). Last swab test - .86 BPH with trace of oil & gas. Displace hole with 3% KCl filtered wtr, POOH. (Note: Report on 10-11-94 was in error when it indicated all load has been rec'd).
- 10-13-94 Run Miller WL RBP, could not get below 750' POOH. RIH with 2-7/8" tbg to 1500', displace csg with 250° 3% KCl wtr, POOH. Run Miller WL RBP & set at 5400' (no tight spots). Test BP to 2500 psi (ok). RIH with WL bailer, spot 2 sx sand on RBP. Perf 5116-26' with 1 SPF (11 holes), hole full of fluid, stayed static, all shots fired. Perf 5078-5101' with 1 SPF (25 holes), hole full of fluid when shot, well on slight vac after perf.
- 10-14-94 Open well with 0 psi, RU Serfco and gelled two tankd of 3% KCL water and RU pumping equip. Held Safety meeting. Set pop off to 5800 psi, test lines to 6000 psi for 15 min - ok. Est break down of 2475 psi, pumped 1000 gal 7.5% HCL w/60 7/8" balls at 12.5 BPM w/max of 1400 psi, balled out to 4250 psi, surged balls 3 times. Serfco frac perfs 5078'/5126' w/a total of 5000 gl of linear gel, 10,000 gal 35# gel, 2000 gal w/2 ppg 16/30 sand, 5000 gal w/4 #/gal sand, 2000 gal w/6 #/gal 16/30 resin coated sand. Disp w/4900 gal gel. Breakdown 2680 psi, max 3070 psi, avg pres 2750 psi, treat at 40 BPM. ISIP 1685 psi, (pumped a total of 23,872 gal gel, 25,000 # 16/30 sand and 12,000 # RC sand). Force close well

## WELL HISTORY

### Federal 22-8 H

Pleasant Valley Prospect

Duchesne County, Utah

(PG&E Resources Operated)

Continued

- 10-14-94 at 2 BPM for 30 min. Rec 62 bbls (24,810 BLWTR). RD Stinger and close in well. SIFN.
- 10-15-94 Open well w/200 psi, RU Schlumberger and run Miller 5.5", 17# RBP on WL and tagged sand at 4066', BP would not set; POH and RD Schlumberger. RIH w/4.75" bit, 5.5", 17# scraper on 2-7/8" tbg and tag sand at 4178'. Circ and wash RC sand off csg walls from 4178' to 5047'. Circ hole clean. POH w/bit and scraper. RU Schlumberger and RIH w/Miller 5.5", 17# RBP on WL and set at 4955'. Press test BP to 2500 psi - ok. Dump 2 sx sand on BP; using 4" HSC guns w/.38" shots and 38 gram charges, perf DC(5) sand from 4782' to 4785' w/2 SPF for 8 holes, perf DC(4) sand from 4674' to 4684' w/2 SPF for 22 holes, for a total of 30 holes. RD Schlumberger and SIFN.
- 10-16-94 Install Stinger and look up surface lines. Held safety meeting. Tet lines to 6000 psi - ok, set pop off to 5800 psi. Serfco pumped down csg w/1000 gal 7.5% HCL acid w/add w/60, 7/8" 1.3 S.G. balls and disp. w.107 bbls 35# pre-pad gelled fluid, break down of 2825 psi, pump acid at 12 BPM at 1800 psi, balled out to 4300 psi, surged 3 times. Wait 15 min for balls to fall. Serfco frac perfs 4674'/4785' int down csg by pumping 12 bbls of 35# gal pre-pad, 238 bbls 35# pad, 47.6 bbls 35# gell w/2 ppg 16/30 sand, 119 bbls 35# gell w/4 ppg 16/30 sand, 47.6 bbls 35# gell w/6 ppg RC sand, (pumped a total of 571 bbls of 35# gelled fluid and 24 bbls acid for a total of 595 BLW; 24,000# 16/30 Ottawa sand and 12,000 # 16/30 RC sand for a total of 36,000 # of sand). Max pres 2800 psi, min pres 2000 psi at 40 BPM, ISIP 1760 psi. Force close well at 1 BPM and rec 31 BLW. RD Stinger and flow well to pit and rec a total of 231 BLW and 4 sx sand, well dead. RIH w/4.75" bit and 5.5" 17# scraper on 2-7/8" tbg to 4639', did not tag any sand. NOTE: Well was f/bk after FC since flush was inadvertently XL.
- 10-17-94 Open well with 175 psi, bleed off press. RU & run Miller 5½", 17# RBP & set at 4590', press test plug to 2500 psi (ok). Dump 2 sx sand on BP with bailer. Perf Upper "A" & Middle "A" Sands 4064-73' with 2 SPF (15 holes) & 4098-4112' with 2 SPF (30 holes). Install Stinger, test lines to 6000 psi (ok), Serfco est beak down of 2000 psi. Pump 1000 gal 7½% HCl acid + add & 80 7/8" balls at 12 BPM with 1300 psi & displace with 93 bbl 35# pre-pad gel. Ball out to 5000 psi, surge balls & wait 15 min for balls to fall. Pump 239 35# gel pad, 47.6 bbl 35# gel with 2 ppg 16/30 sand, 119 bbl 25# gel with 4 ppg 16/30 sand, 47.6 bbl 35# gel with 2 ppg 16/30 sand, 119 bbl 35# gel with 6 ppg 16/30 RC sand down csg & displace with 92 bbl 35# gel, ISIP 1735 psi, max 2400 psi, min 1200 psi, avg 2300 psi. Pump all fluid at 40 BPM, pump a total of 24,000 lbs 16/30 Ottawa sand,

## WELL HISTORY

### Federal 22-8 H

Pleasant Valley Prospect  
Duchesne County, Utah  
(PG&E Resources Operated)

Continued

- 10/17/94 12,000 lbs of 16/40 RC sand, 660 bbl 35# gel & 24 bbl 7½% HCl for 684 BLWTR. Force close well for 30 min at 1 BPM, rec'd 32 bbl. RD stinger, open well to pit, rec'd 400 BLW (432 BLW total), 216 BLWTR.
- 10-18-94 Open well with 500 psi, bleed off press. PU Miller retrieving tool & RIH on 2-7/8" tbg, tag sand at 4529', circ out sand to 4590'. Release BP, POOH with BP & LD same. RIH with retrieving head on 2-7/8" tbg, tag at 4930', clean out sand to BP at 4955', circ clean. Release BP, POOH & LD same. RIH with retrieving tool on 2-7/8" tbg to 1250', SDFN.
- 10-19-94 Open well with 0 psi. RIH with retrieving head on 2-7/8" tbg & tag sand at 5107'. Circ out sand to BP at 5400', circ clean. POOH with BP & LD same. SDFN.
- 10-20-94 Open well with 0 psi. PU 2-7/8" notched collar, 1 jt 2-7/8" tbg, seat nip, 129 jts 2-7/8" tbg, Mill anchor with 40,000 lbs shear pins, 35 jts 2-7/8" tbg to 6050' (PBTD). Circ clean, change well over with 140 bbl clean 3% KCl wtr. LD 45 jts 2-7/8" tbg. Pull BOPE, install tbg hanger & land tbg with 20,000 lbs tension on anchor. Notched collar at 5143', seat nip at 5111', Miller anchor at 4022'. PU 2½ x 1¾ x 12 x 16 BHAC pump, 8 ¾" weight bars, 100 ¾" D-58 slick rods & 88 7/8" D-58 rods with guides. SDFN.



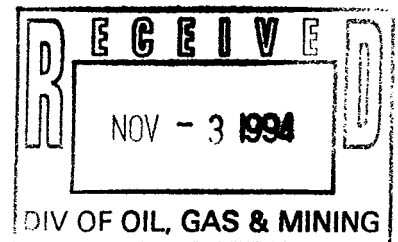
DALEN Resources  
Oil & Gas Co.



October 31, 1994

Kent E. Johnson  
Vice President  
Exploration/Development

STATE OF UTAH NATURAL RESOURCES  
OIL & GAS MINING  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Attn: Gil Hunt



Re: Name Change  
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN** Resources Oil & Gas Co. As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN** Resources Oil & Gas Co.. No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

A handwritten signature in cursive script that reads "John R. Wingert".

John R. Wingert  
Exploration Manager  
Northern Division

JRW:lkd

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
NOV 14 1994

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals.

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 22-8H

9. API Well No.

43-013-31457

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2027' FNL & 2018' FWL

SE/4 NW/4 Section 8, T9S-R17E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other First Production  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PG&E Resources put the Federal 22-8H on pump November 4, 1994. The well is producing approximately 117 BOPD & 7 BWPD.

14. I hereby certify that the foregoing is true and correct

Signed

*Cindy R. Reister*

Title Supervisor Regulatory Compliance

Date 11/10/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UTAH DOGM

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2027' FNL & 2018' FWL

SE/4 NW/4 Section 8, T9S-R17E

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 22-8H

9. API Well No.

43-013-31457

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Duchesne County, Utah

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TYPE OF ACTION

- ☐ Abandonment  
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☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud & set surf. csg.  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PG&E Resources spud the Federal 22-8H on September 13, 1994. 9-5/8" surface casing was run & set @352' & cemented as shown on th attached daily report.

14. I hereby certify that the foregoing is true and correct

Signed

*Cindy F. Jester*

Title Supervisor Regulatory Compliance

Date 11/18/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UTAH DOGM

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## WELL HISTORY

**Federal 22-8 H**  
Pleasant Valley Prospect  
Duchesne County, Utah  
(PG&E Resources Operated)

09-12-94      Building loc.

09-13-94      Drilled 12-1/4" hole to 350' with Bill Jr. Rathole Drilling. Survey .50° at 350'.

09-14-94      Run 8 jts 9-5/8", 36#, K-55 csg to 352', cmt with 200 sx Class G mixed at 15.8 ppg with 1.15 yield + .025% Cello Flake + 2% calcium chloride. Circ cmt to surf, bump plug with 400 psi, floats would not hold. WOC. Cut off 9-5/8" csg, weld on 9-5/8" x 11" 3000 starting head, test to 950 psi. Drill rat & mouse holes, make ready to move drilling rig on loc.

09-15-94      MIRU. Will break tower today.

Bureau of Land Management  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

3100  
U-01470A  
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

## DECISION

DALEN Resources Oil & Gas Co.	:	
6688 N. Central Expwy., #1000	:	Oil and Gas
Dallas, Texas 75206	:	U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals  
Adjudication Section

Enclosure  
Exhibit

bc: Moab District Office w/encl.  
Vernal District Office w/encl.  
MMS-Data Management Division, Denver  
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2
To	LISA CARDONA	From
Co.	STATE OF UTAH	Co.
Dept.	OIL & GAS	Phone #
Fax #	359-3940	Fax #
		539-4260

CMerritt:dab 11/25/94 (U01470A)

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A x confirmed BLM 1/5/94  
11-29-94. Jue

EQUIPMENT INVENTORY  
UTAH DIVISION OF OIL, GAS AND MINING  
STATE OF UTAH

Operator: PG & E RESOURCES Lease: State:        Federal: Y Indian:        Fee:       

Well Name: FEDERAL #22-6H API Number: 43-013-31457

Section: 8 Township: 9S Range: 17E County: DUCHESNE Field: MONUMENT BUTTE

Well Status: POW Well Type: Oil: OIL Gas:       

**PRODUCTION LEASE EQUIPMENT: (NUMBER)**

Boiler(s):        Compressor(s):        Separator(s):        Dehydrator(s):       

Shed(s):        Line Heater(s): Y Heated Separator(s):        VRU:       

Heater Treater(s): Y

**PUMPS:**

Triplex:        Chemical:        Centrifugal: Y

**LIFT METHOD:**

Pumpjack: Y Hydraulic:        Submersible:        Flowing:       

**GAS EQUIPMENT: (NUMBER)**

Purchase Meter: N Sales Meter: Y

**TANKS:**

**NUMBER**

**SIZE**

Oil Storage Tank(s): YES 2-400'S W/BURNERS BBLs

Water Tank(s): YES 1-60 TANK BBLs

Power Water Tank:               BBLs

Condensate Tank(s):               BBLs

Propane Tank: (1)

**Central Battery Location: (IF APPLICABLE)**

Qtr/Qtr:        Section:        Township:        Range:       

REMARKS: GLYCOL CENTRIFUGAL PUMP FOR HEAT TRACE.

EQUIPMENT RUNNING ON CASING GAS.

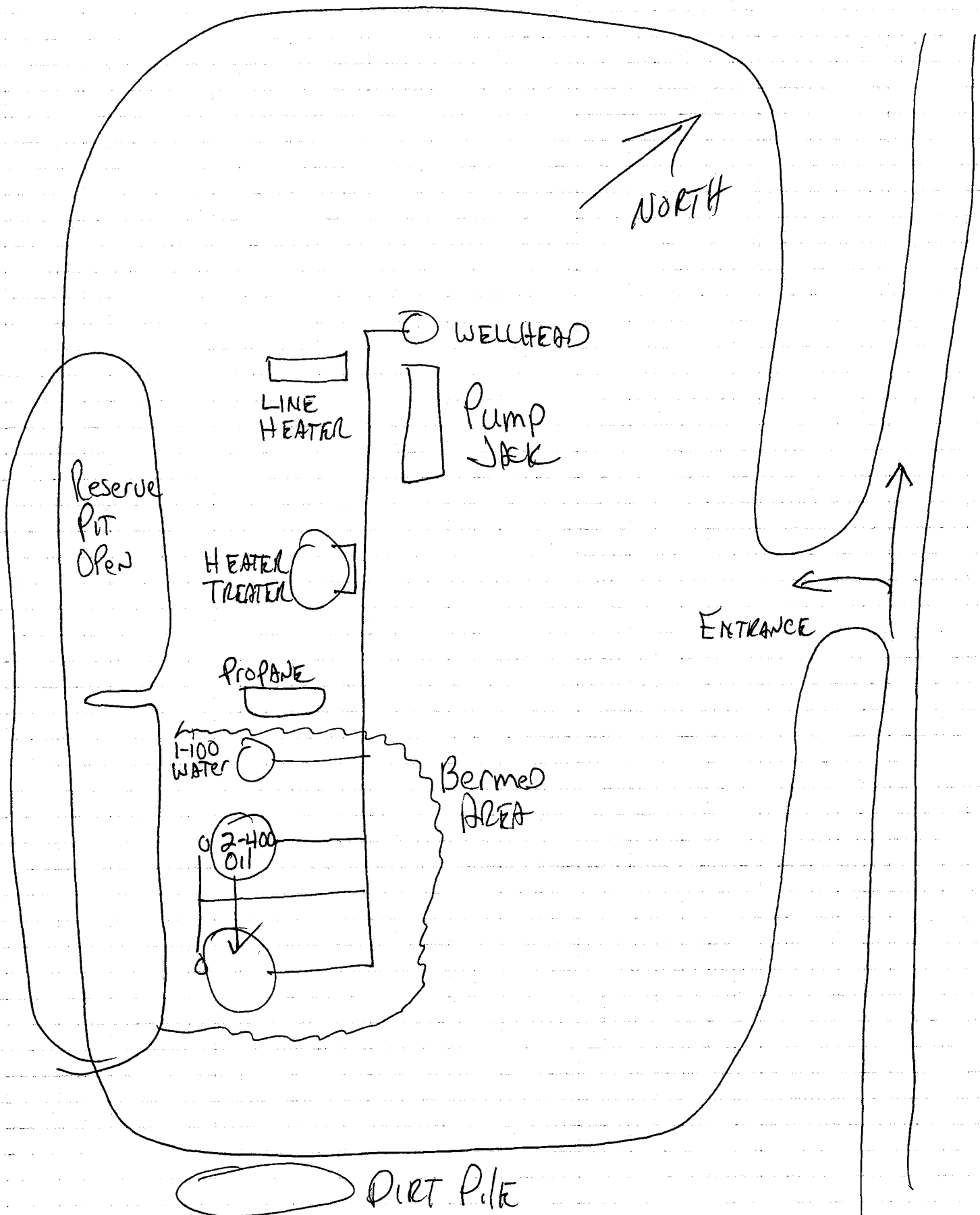
Inspector: DENNIS INGRAM Date: 11/30/94

PG&E RESOURCES  
FEDERAL 22-8H

POW 11/30/94

43-013-31457

Dennis J. [Signature]





Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1	LEC/GIL
2	LWP 7-PL
3	DPZ 8-SJ
4	YLC 8-FILE
5	RJF
6	LWP

**XXX** Change of Operator (~~well sold~~)

☐ Designation of Agent

☐ Designation of Operator

**XXX** Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-94)

TO (new operator) **DALEN RESOURCES OIL & GAS CO.** FROM (former operator) **PG&E RESOURCES COMPANY**  
(address) **6688 N CENTRAL EXP STE 1000** (address) **6688 N CENTRAL EXP STE 1000**  
**DALLAS TX 75206-3922** **DALLAS TX 75206-3922**

phone ( 214 ) 750-3800  
account no. N3300 (11-29-94)

phone ( 214 ) 750-3800  
account no. N0595

Well(s) (attach additional page if needed):

**\*WELLS DRAW (GRRV) UNIT**

**\*WEST WILLOW CREEK UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>013-31457</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 10-3-94)
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 10-3-94)
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) no \_\_\_\_ If yes, show company file number: #FN001519. "Dalen Resources Corp." eff. 6-15-94.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (11-29-94)
- Sup 6. Cardex file has been updated for each well listed above. 12-7-94
- Sup 7. Well file labels have been updated for each well listed above. 12-8-94
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (11-29-94)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (~~Fee wells only~~)

*Surety U1870145/80,000 "Rider to Daler" rec'd 10-3-94.  
\* Trust Land/Ed "Rider" Aprv. 10-5-94 # U2164274/80,000.*

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new <sup>*Upon compl. of routing.*</sup> and former operators' bond files.
- Yes N/A 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

Yes 2. Copies of documents have been sent to State Lands for changes involving State leases.  
*2/8/94 to Ed Bonn*

### FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: \_\_\_\_\_ 19\_\_\_\_.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

*94/108 B-hm/s.f. Not Aprv. yet!*

*94/125 " Aprv. 'd.*

RECEIVED  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal

9. WELL NO.

22-8H

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Section 8, T9S-R17E

12. COUNTY OR  
PARISH

Duchesne

13. STATE

Utah

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐

2. NAME OF OPERATOR

DALEN Resources Oil & Gas Co.

3. ADDRESS OF OPERATOR

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. LOCATION OF (Report location clearly and in accordance with any State requirements)\*

At surface 2027' FNL & 2018' FWL SE/4 NW/4 Sec. 8

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

43-013-31457

DATE ISSUED

09/01/94

15. DATE SPUDDED

09/13/94

16. DATE T.D. REACHED

09/24/94

17. DATE COMPL. (Ready to prod.)

11/04/94

18. ELEVATIONS (DE, RKB, RT, GR, ETC.)\*

5320' RKB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6100'

21. PLUG, BACK T.D., MD & TVD

6050'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

XX

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

4064' - 5440' Green River

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLI/Spectral Density Dual Spaced Neutron/GR-JB/CBL-GR

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	352'	12-1/4"	200sx Class "G"	0
5-1/2"	17#	6100'	7-7/8"	300sx Hi-Lift + 550sx Class "G"	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5143'	NA

31. PERFORATION RECORD (Interval, size and number)

See Attached

32. ACID, SHOT, FRACTURE, CEMENT

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attached	

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
11/04/94		Pumping 1-3/4" Insert				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO	
11/7/94	24	NA	TEST PERIOD	117	TSTM	7	NA
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
NA			117	TSTM	7		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel.

TEST WITNESSED BY

Randy Miller

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Cindy D. Keister*

TITLE Supervisor Regulatory Compliance

DATE

12/30/1994

\*(See Instructions and Spaces For Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, condition used, time tool open, flowing and shut-in pressures, and recoveries):

# GEOLOGIC MARKERS

38.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
"A" Sand	3944'	4193'	Oil, Natural Gas & Salt Water	"A" Marker		3944'
DC(4) Sand	4574'	4684'	Oil, Natural Gas & Salt Water	"B" Marker		4193'
DC(5) Sand	4782'	4785'	Oil, Natural Gas & Salt Water	"C" Marker		4423'
E(e) Sand	5078'	5126'	Oil, Natural Gas & Salt Water	Douglas Creek Marker		4589'
F(1) Sand	5428'	5440'	Oil, Natural Gas & Salt Water	"D" Marker		4829'
				"E" Marker		4948'
				"F" Marker		5426'
				Basal Limestone		5847'
				Wasatch		6020'

Item No. 31

4064' - 4112'  
45 - 0.38" Holes

4674' - 4785'  
30 - 0.38" Holes

5078' - 5126'  
36 - 0.38" Holes

5428' - 5440'

Item No. 32

1000 gals 7-1/2% HCL + 80 7/8" balls  
660 bbls 35# gel + 24,000# 16/30 Ottawa sand +  
12,000# 16-30 RC sand

1000 gals 7-1/2% HCL + 60 7/8" balls  
571 bbls 35# gel + 24,000# 16-30 Ottawa sand +  
12,000# 16-30 RC sand

1000 gals 7-1/2% HCL + 60 7/8" balls  
23,872 gals 35# gel + 24,000# 16-30 Ottawa sand +  
12,000# 16-30 RC sand

1000 gals 7-1/2% HCL + 30 1.356 balls

# FEDERAL 22-8H

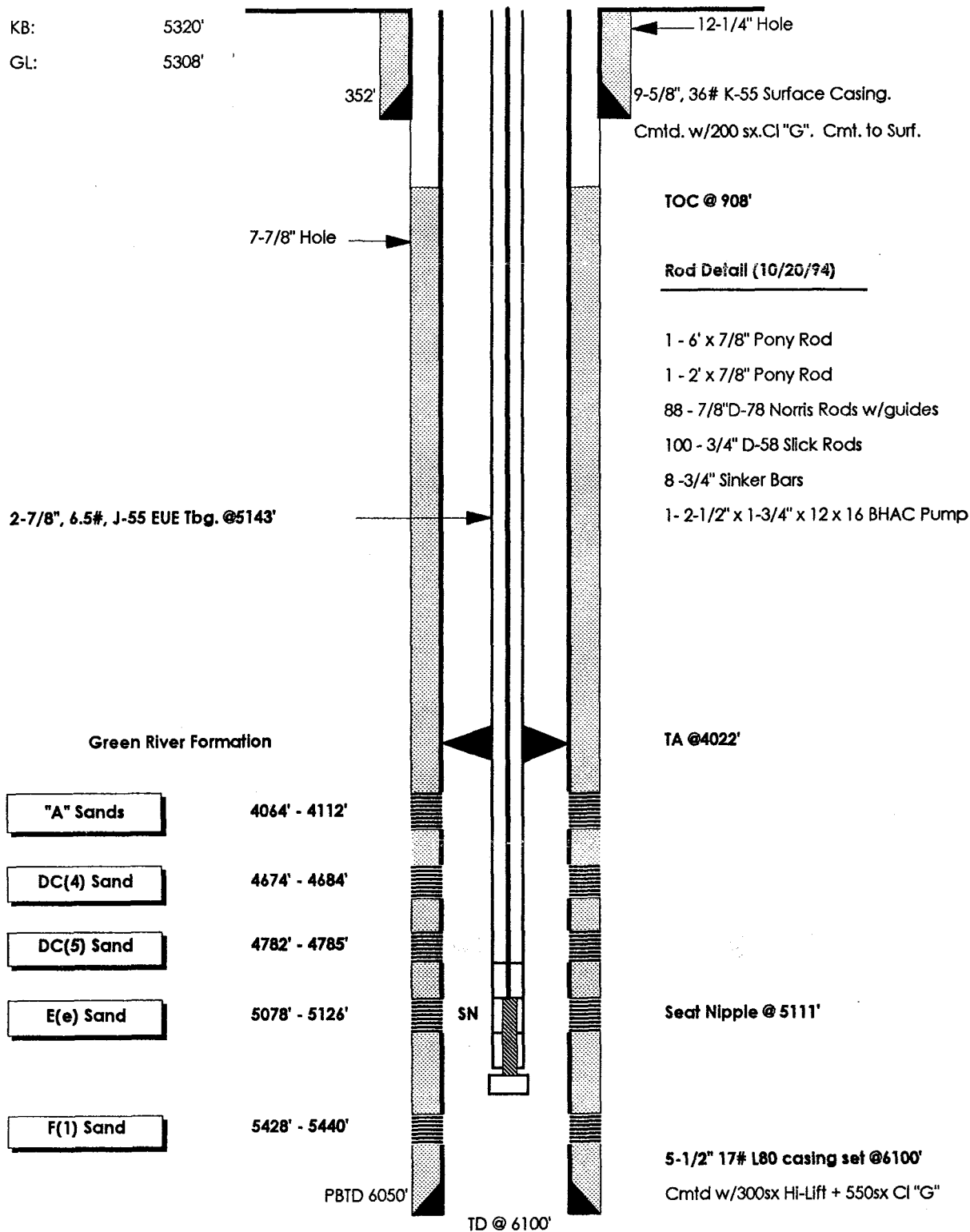
## PLEASANT VALLEY FIELD

### Duchesne County, Utah

Spud: 9/13/94  
 TD Date: 9/24/94  
 Compl. Date: 11/4/94

Sec 8-T9S-R17E  
 2027' FNL & 2018' FWL  
 SE/4 NW/4

KB: 5320'  
 GL: 5308'





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

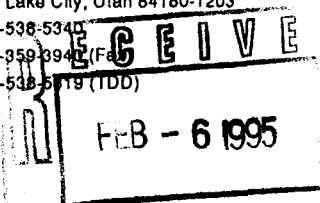
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

801-538-5340

801-359-3940 (Fax)

801-538-5119 (TDD)



DIV OF OIL, GAS & MINING January 23, 1995

Ms. Cindy Keister  
DALEN Resources Oil & Gas Co.  
6688 North Central Expressway #1000  
Dallas, Texas 75206

Re: Federal #22-8H, API No. 43-013-31457  
Submittal of Electric and Radioactivity Logs

Dear Ms. Keister:

We have not received the logs for the referenced well. The Well Completion Report indicates that DIL/Spectral Density Dual Spaced Neutron/GR-JB/CBL-GR logs were run. Please submit a copy of these logs to this office as soon as possible.

Your help in this matter will be greatly appreciated. If you have questions regarding this request, please contact me at (801) 538-5340.

Sincerely,

Vicky Carney  
Production Group Supervisor

cc: R. J. Firth  
D. T. Staley  
L. D. Clement  
Log File

DUAL LATEROLOG  
CEMENT BOND LOG WITH GAMMA RAY COLLAR LOG  
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG



DALEN Resources  
Oil & Gas Co.



May 26, 1995

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
Underground Injection Control Section  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Mr. Gil Hunt

RE: Application for Water Injection  
Pleasant Valley Waterflood Unit  
Duchesne County, Utah

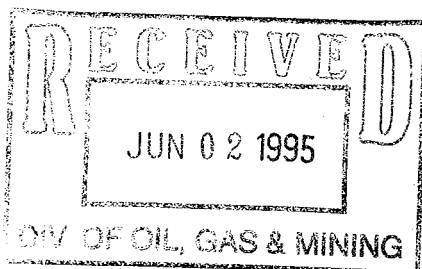
Dear Mr. Hunt:

DALEN Resources Oil & Gas Co. respectfully requests approval to convert the following wells into water injection wells in conjunction with DALEN's Proposed Pleasant Valley Unit, Docket No. 95007, Cause No. 234-1:

Federal 44-5	Federal 13-9H
Federal 22-8H	Federal 22-9H
Federal 31-8H	Federal 24-9H
Federal 42-8H	Federal 33-9H
Federal 11-9H	

The enclosed application has been prepared in accordance with R615-5-1 and R615-5-2 and is being submitted for your review and approval. If you have any questions or need additional information, please contact the undersigned at (214) ~~706-3640~~.

692-4300  
Sincerely,



*Cindy R. Keister*  
Cindy R. Keister  
Supervisor Regulatory Compliance  
Northern Production Division

Enclosures

cc: S. Gilbert  
J. Buron  
R. Miller  
Central File  
Regulatory File

6688 N. Central Expwy., Suite 1000, Dallas, Texas 75206, Telephone 214/750-3800, Fax 214/750-3883



PLEASANT VALLEY WATERFLOOD UNIT  
INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
PAGE 9

**H. AFFIDAVIT OF NOTIFICATION**

To whom it may concern:

Copies of the UIC Form 1 application for the wells listed below have been mailed to the following on May 26, 1995:

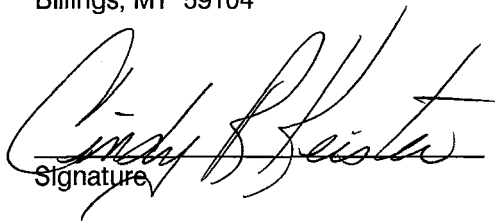
Federal 44-5	Federal 42-8H	Federal 22-9H
Federal 22-8H	Federal 11-9H	Federal 24-9H
Federal 31-8H	Federal 13-9H	Federal 33-9H

**OFFSET OPERATOR**

Equitable Resources Energy Co.  
Balcron Oil Division  
P. O. Box 21017  
Billings, MT 59104

**SURFACE OWNER**

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

  
Signature

Cindy R. Keister  
Name

Supvr Regulatory Compliance, Northern Division  
Title

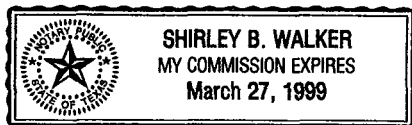
(214) 706-3640  
Telephone

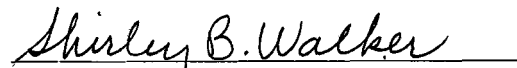
July 1, 1995  
Date

STATE OF TEXAS

COUNTY OF DALLAS

SUBSCRIBED in my presence and duly sworn to me this 19th day of June, 1995.

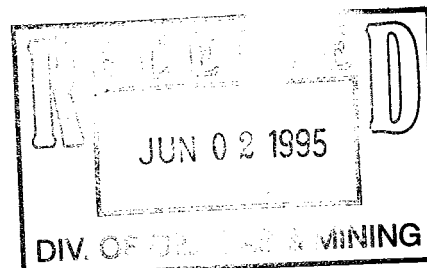


  
Notary Public for the State of Texas

My Commission expires \_\_\_\_\_

## APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR DALEN Resources Oil & Gas Co.  
ADDRESS 6688 N. Central Expwy., Suite 1000  
Dallas, TX 75206



Well name and number: Federal 22-8H

Field or Unit name: Pleasant Valley Unit Lease no. U-10760

Well location: 00SE NW section 8 township 9S range 17E county Duchesne

Is this application for expansion of an existing project? . . Yes ☐ No ☒

Will the proposed well be used for:

Enhanced Recovery?	. . Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Disposal?	. . . . .	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>
Storage?	. . . . .	Yes	<input type="checkbox"/>	No <input checked="" type="checkbox"/>

Is this application for a new well to be drilled? . . . . . Yes ☐ No ☒

If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes ☐ No ☒

Date of test: \_\_\_\_\_  
API number: 43-013-31457

Proposed injection interval: from 4064' to 5126'

Proposed maximum injection: rate 300-500 BPD pressure 2000 psig

Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2 mile of the well.

**IMPORTANT:** Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Plat, electric log section, wellbore diagram, offset well data,  
and offset operators.

I certify that this report is true and complete to the best of my knowledge.

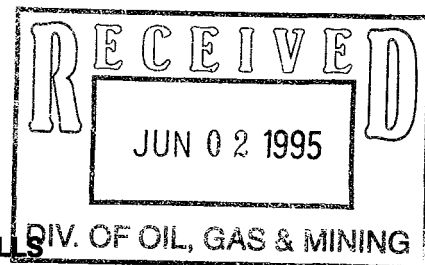
Name Cindy R. Keister  
Title Supvr. Regulatory Compliance  
Phone No. (214) 706-3640

Signature Cindy K. Heister  
Date 05/26/95

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

**Comments:**

**PLEASANT VALLEY WATERFLOOD UNIT  
DUCHENESE COUNTY, UT  
INFORMATION APPLICABLE TO ALL NINE (9) WELLS**



**A. ELECTRIC LOGS**

A copy of the marked injection interval is attached for your convenience. The electric logs have been submitted and are on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

**B. CEMENT BOND LOGS**

The Cement Bond Logs have been submitted and are currently on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

**C. CASING PROGRAM/TESTING PROCEDURES**

The casing program for each of the nine (9) wells is reflected on the attached individual wellbore diagrams. Before injection begins, the casing outside the tubing shall be tested to 1000 psi as required in R615-5-5.

**D. INJECTION FLUID**

Initially the water used for injection will be purchased from Inland whose water source is Johnson Water Supply. A water analysis of the water produced from the Green River is included in this application. Water samples will be taken and a water analysis and compability statement will be furnished. When the waterflood is in full operation, produced water from DALEN's Pleasant Valley Unit Wells will be used for injection. Annual injection rates will be determined by a step-rate test, but the initial injection rate will be 300-500 BWPD per well at an injection pressure somewhat below 2000 psi.

**E. FRESH WATER PROTECTION**

The frac gradients for the field average to be .9492 psig/ft. The maximum injection pressures will be kept below this gradient. The average frac gradients for the field were calculated as follows:

$$\begin{array}{lcl} \text{Frac gradient} & = & \frac{(.44 \text{ psi/ft})(4063 \text{ ft}) + 2069 \text{ psi}}{4063 \text{ ft}} = .9492 \text{ psi/ft} \end{array}$$

$$\begin{array}{lcl} \text{Surface parting pressure} & = & .9492(4063 \text{ ft}) = 3856 \text{ psi} \\ & & 3856 - (.44)(4063 \text{ ft}) = 2068 \text{ psi (normal representation)} \end{array}$$

ISIP 2069 psi w/XL Borate fluid in hole.      Perf: 4056'/70'

## **F. GEOLOGY**

The Pleasant Valley Unit is within 3 miles of and similar to the Monument Butte Green River "D" Unit in that it produces from the same Green River sands with similar pay thicknesses and production characteristics. Production is from 14 laterally continuous channel sands, located vertically from the "Garden Gulch" marker to the basal lime sections of the Green River.

Oil is stratigraphically trapped in lenticular, fine grained quartz sandstone fluvial deposits intersecting the edge of a lacustrine environment. These sandstones are associated with multicolored shales and carbonates of a lacustrine nature. The Pleasant Valley area is located on a structural monocline dipping one to two degrees to the Northeast. Reservoir thickness and distribution are basically similar but improve somewhat as you go from Monument Butte into Pleasant Valley. The two fields contain the same hydrocarbons and similar water saturations. The water in which these reservoirs were deposited was fresh to brackish.

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 3

**G. OFFSET WELL MECHANICAL CONDITION (1/2 MILE RADIUS)**

**OFFSET WELL - PIUTE-FEDERAL 14-4 (Section 4, T9S-R17E SW/SW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	277'	5907'
Amount of Cement	225sx	803sx
Type of Cement		
Top of Cement	Surface	1828' Calc.
Date Set	08/82	08/82
PBTD		5895'

**OFFSET WELL - MAXUS-FEDERAL 24-4 (Section 4, T9S-R17E SE/SW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	D&A
Casing Size	8-5/8"	
Weight (lbs/ft)		
Grade		
Setting Depth	283'	
Amount of Cement		
Type of Cement		
Top of Cement	Surface	
Date Set	10/87	
PBTD		

**OFFSET WELL - ALCRON-FEDERAL 24-5 (Section 5, T9S-R17E SE/SE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	258'	5699'
Amount of Cement	150sx	643sx
Type of Cement		
Top of Cement	Surface	2433' Calc
Date Set	01/92	01/92
PBTD		5668'

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 4

**OFFSET WELL - ALLEN-FEDERAL 34-5 (Section 5, T9S-R17E SW/SE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	260'	6060'
Amount of Cement	175sx	785sx
Type of Cement		
Top of Cement	Surface	2073' Calc.
Date Set	09/83	09/83
PBTD		6015'

**OFFSET WELL - ALLEN-FEDERAL 43-5 (Section 5, T9S-R17E NE/SE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	D&A
Casing Size	8-5/8"	
Weight (lbs/ft)		
Grade		
Setting Depth	253'	
Amount of Cement	190sx	
Type of Cement		
Top of Cement	Surface	
Date Set	10/83	
PBTD		

**OFFSET WELL - MONUMENT BUTTE-FEDERAL 1-8 (Section 8, T9S-R17E SE/SE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	300'	5848'
Amount of Cement	220sx	644sx
Type of Cement		
Top of Cement	Surface	2577' Calc.
Date Set	10/83	10/83
PBTD		

PLEASANT VALLEY DRAW WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 5

**OFFSET WELL - FEDERAL 12-8H (Section 8, T9S-R17E SW/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	N-80
Setting Depth	300'	6147'
Amount of Cement		100sx + 780sx
Type of Cement		HiLift RFC
Top of Cement	Surface	1220'
Date Set	09/82	09/82
PBTD		6054'

**OFFSET WELL - ALCRON MONUMENT-FEDERAL 13-8 (Section 8, T9S-R17E NW/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	8-5/8"	TITE HOLE
Casing Size		
Weight (lbs/ft)		
Grade		
Setting Depth	282'	
Amount of Cement		
Type of Cement		
Top of Cement		
Date Set	01/93	
PBTD		

**OFFSET WELL - FEDERAL 21-8H (Section 8, T9S-R17E NE/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	L-80
Setting Depth	360'	6125'
Amount of Cement	200sx	410sx + 560sx
Type of Cement	Class "G"	Hi-Lift + Class "G"
Top of Cement	Surface	800'
Date Set	10/94	11/94
PBTD		6071'

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 6

**OFFSET WELL - MAXUS-FEDERAL 23-8 (Section 23, T8S-R17E NE/SW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	251'	6250'
Amount of Cement	240sx	465sx
Type of Cement		
Top of Cement	Surface	3888'
Date Set	11/87	11/87
PBTD		6203'

**OFFSET WELL - FEDERAL 32-8H (Section 8, T9S-R17E SW/NE)**

	<u>Surface Casing</u>	<u>Production Casing</u>	
Hole Size	13-3/4"	8-3/4"	DV Tool
Casing Size	10-3/4"	7"	
Weight (lbs/ft)	40.5#	29#	
Grade	K-55	N-80	
Setting Depth	295'	6378'	4313'
Amount of Cement	300sx	300sx + 150sx	480sx
Type of Cement	Class "G"	Class "G"	Class "G"
Top of Cement	Surface		1850' Est
Date Set	02/80	02/80	
PBTD		5344'	

**OFFSET WELL - ALCRON MONUMENT-FEDERAL 33-8 (Section 8, T9S-R17E NW/NE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	8-5/8"	TITE HOLE
Casing Size		
Weight (lbs/ft)		
Grade		
Setting Depth	262'	
Amount of Cement		
Type of Cement		
Top of Cement	Surface	
Date Set	02/94	
PBTD		



PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 7

**OFFSET WELL - FEDERAL 41-8H (Section 8, T9S-R17E NE/NE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	15.5#
Grade	K-55	K-55
Setting Depth	302'	6091'
Amount of Cement	200sx	132sx + 640sx
Type of Cement		HiLift 50/50 Poz
Top of Cement	Surface	2532'
Date Set	5/83	5/83
PBTD		

**OFFSET WELL - PIUTE-FEDERAL 43-8 (Section 8, T9S-R17E NE/SE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	268'	5866'
Amount of Cement	200sx	566sx
Type of Cement		
Top of Cement	Surface	2992' Calc.
Date Set	12/83	12/83
PBTD		5826'

**OFFSET WELL - FEDERAL 12-9H (Section 9, T9S-R17E SW/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)	24#	17#
Grade	K-55	N-80
Setting Depth	289'	6063'
Amount of Cement	200sx	320sx + 495sx
Type of Cement	Pacesetter Lite	Lite + 50/50 Poz
Top of Cement	Surface	2316'
Date Set	09/84	09/84
PBTD		5905'

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 8

**OFFSET WELL - FEDERAL 14-9H (Section 9, T9S-R17E NW/SW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	L-80
Setting Depth	369'	6100'
Amount of Cement	200sx	390sx + 540sx
Type of Cement	Class "G"	Hi-Lift + Class "G"
Top of Cement	Surface	550'
Date Set	09/94	09/94
PBTD		5990'

**OFFSET WELL - FEDERAL 21-9H (Section 9, T9S-R17E NE/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	L-80
Setting Depth	350'	6125'
Amount of Cement	200sx	390sx + 540sx
Type of Cement	Class "G"	Class "G"
Top of Cement	Surface	2770'
Date Set	09/94	10/94
PBTD		6078'

**OFFSET WELL - FEDERAL 23-9H (Section 9, T9S-R17E NE/SW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	9-5/8"	5-1/2"
Weight (lbs/ft)	36#	17#
Grade	K-55	K-55
Setting Depth	298'	5599'
Amount of Cement	165sx	205sx + 380sx
Type of Cement	Class "G"	Class "G"
Top of Cement	Surface	1505'
Date Set	04/88	05/88
PBTD		5532'

PLEASANT VALLEY WATERFLOOD UNIT  
 INFORMATION APPLICABLE TO ALL NINE (9) WELLS  
 PAGE 9

**OFFSET WELL - FEDERAL 31-9H (Section 9, T9S-R17E NW/NE)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	D&A
Casing Size	8-5/8"	
Weight (lbs/ft)	24#	
Grade	K-55	
Setting Depth	283'	
Amount of Cement	200sx	
Type of Cement	Class "A"	
Top of Cement	Surface	
Date Set	06/85	
PBTD		

**OFFSET WELL - STATE 11-16 (P&A) (Section 16, T9S-R17E NW/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	4-1/2"
Weight (lbs/ft)	24#	11.6#
Grade		
Setting Depth	326'	6104'
Amount of Cement	240sx	400sx
Type of Cement		
Top of Cement	Surface	
Date Set	11/81	12/81
PBTD		6010'

**OFFSET WELL - SUE MORRIS 16-3 (Section 16, T9S-R17E NE/NW)**

	<u>Surface Casing</u>	<u>Production Casing</u>
Hole Size	12-1/4"	7-7/8"
Casing Size	8-5/8"	5-1/2"
Weight (lbs/ft)		
Grade		
Setting Depth	262'	5836'
Amount of Cement	428sx	855sx
Type of Cement		
Top of Cement	Surface	1493' Calc.
Date Set	02/81	03/81
PBTD		

PLEASANT VALLEY WATERFLOOD UNIT  
INFORMATION APPLICABLE TO ALL NINE (9 WELLS  
PAGE 10

**H. AFFIDAVIT OF NOTIFICATION**

To whom it may concern:

Copies of the UIC Form 1 application for the wells listed below have been mailed to the following on May 26, 1995:

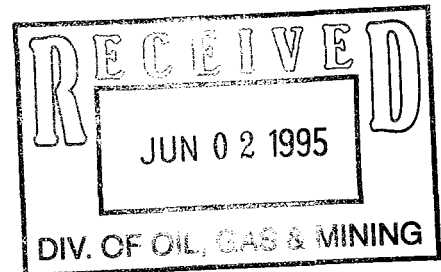
Federal 44-5	Federal 13-9H
Federal 22-8H	Federal 22-9H
Federal 31-8H	Federal 24-9H
Federal 42-8H	Federal 33-9H
Federal 11-9H	

**OFFSET OPERATORS:**

Equitable Resources Energy Co.  
Balcron Oil Division  
P. O. Box 21017  
Billings, MT 59104

**SURFACE OWNERS:**

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078



*Jean LaFevers*  
\_\_\_\_\_  
Signature

*For:* Cindy R. Keister  
Name  
  
(214) 706-3640  
Telephone

Supvr Regulatory Compliance, Northern Division  
Title  
  
May 26, 1995  
Date



2000 SOUTH 1500 EAST  
VERNAL, UTAH 84078

Telephone (801) 789-4327

## WATER ANALYSIS REPORT

Company: DALEN RESOURCES

Address:

Field/Lease:

Report For:

cc.

cc.

cc.

Service Engineer: ED SCHWARZ

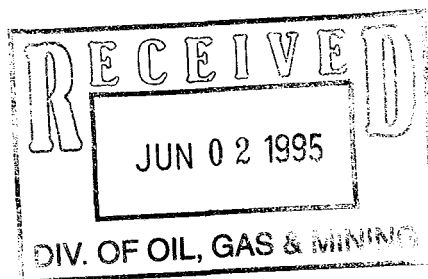
Project #: 940871

Date Sampled: 4-14-95

Date Received: 4-17-95

Date Reported: 4-24-95

Chemical Component	22-8-H	14-8-H
Chloride (mg/l)	11200	11400
Sulfate (mg/l)	0	0
Carbonate (mg/l)	0	148
Bicarbonate (mg/l)	600	276
Calcium (mg/l)	68	198
Magnesium (mg/l)	15	19
Iron (mg/l)	47	43
Barium (mg/l)	n/d	n/d
Strontium (mg/l)	n/d	n/d
Sodium (mg/l)	7340	7416
pH	8.4	8.0
Ionic Strength	0.33	0.34
Specific Gravity	1.010	1.005
SI@20C (68F)	0.66	0.29
SI@25C (77F)	0.78	0.41
SI@30C (86F)	0.90	0.52
SI@40C (104F)	1.15	0.78
SI@50C (122F)	1.31	0.93
SI@60C (140F)	1.67	1.30
SI@70C (158F)	1.86	1.49
SI@80C (176F)	2.21	1.85
SI@90C (194F)	2.51	2.14
TDS (mg/l)	19310	19436
Temperature (F)		
Dissolved CO2 (ppm)	44	0
Dissolved H2S (ppm)	6	3
Dissolved O2 (ppm)	n/d	n/d



Analyst: T. Mayer

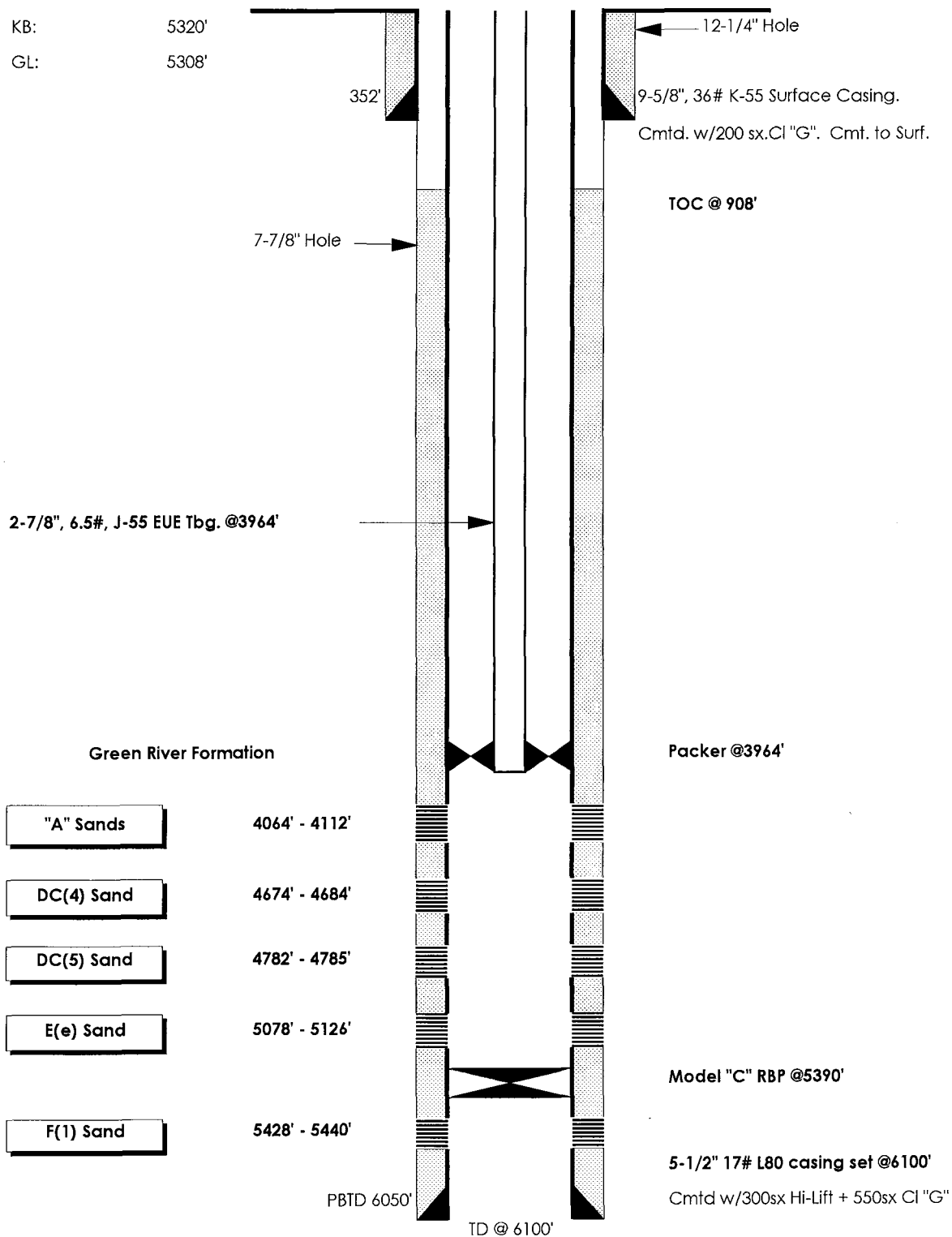
**FEDERAL 22-8H**  
**PLEASANT VALLEY FIELD**  
Duchesne County, Utah

Spud: 9/13/94  
TD Date: 9/24/94  
Compl. Date: 11/4/94

**PROPOSED WIW**

Sec 8-T9S-R17E  
2027' FNL & 2018' FWL  
SE/4 NW/4

KB: 5320'  
GL: 5308'



# FEDERAL 31-8H

## PLEASANT VALLEY FIELD

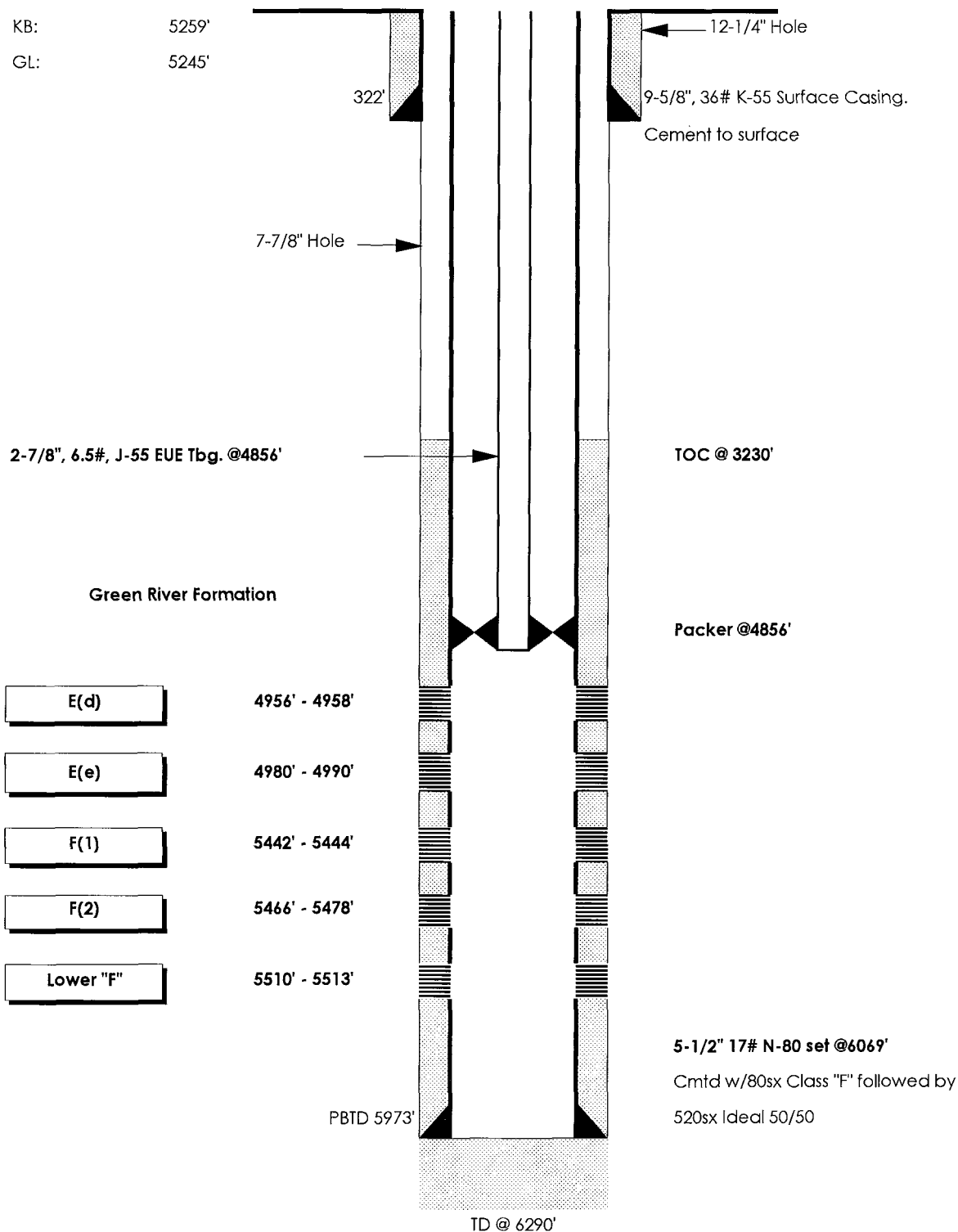
### Duchesne County, Utah

Spud: 8/12/82  
 TD Date: 8/20/82  
 Compl. Date: 12/18/82

Sec 8-T9S-R17E  
 1025' FNL & 1662' FEL  
 NW/4 NE/4

### PROPOSED WIW

KB: 5259'  
 GL: 5245'



# FEDERAL 42-8H

## PLEASANT VALLEY FIELD

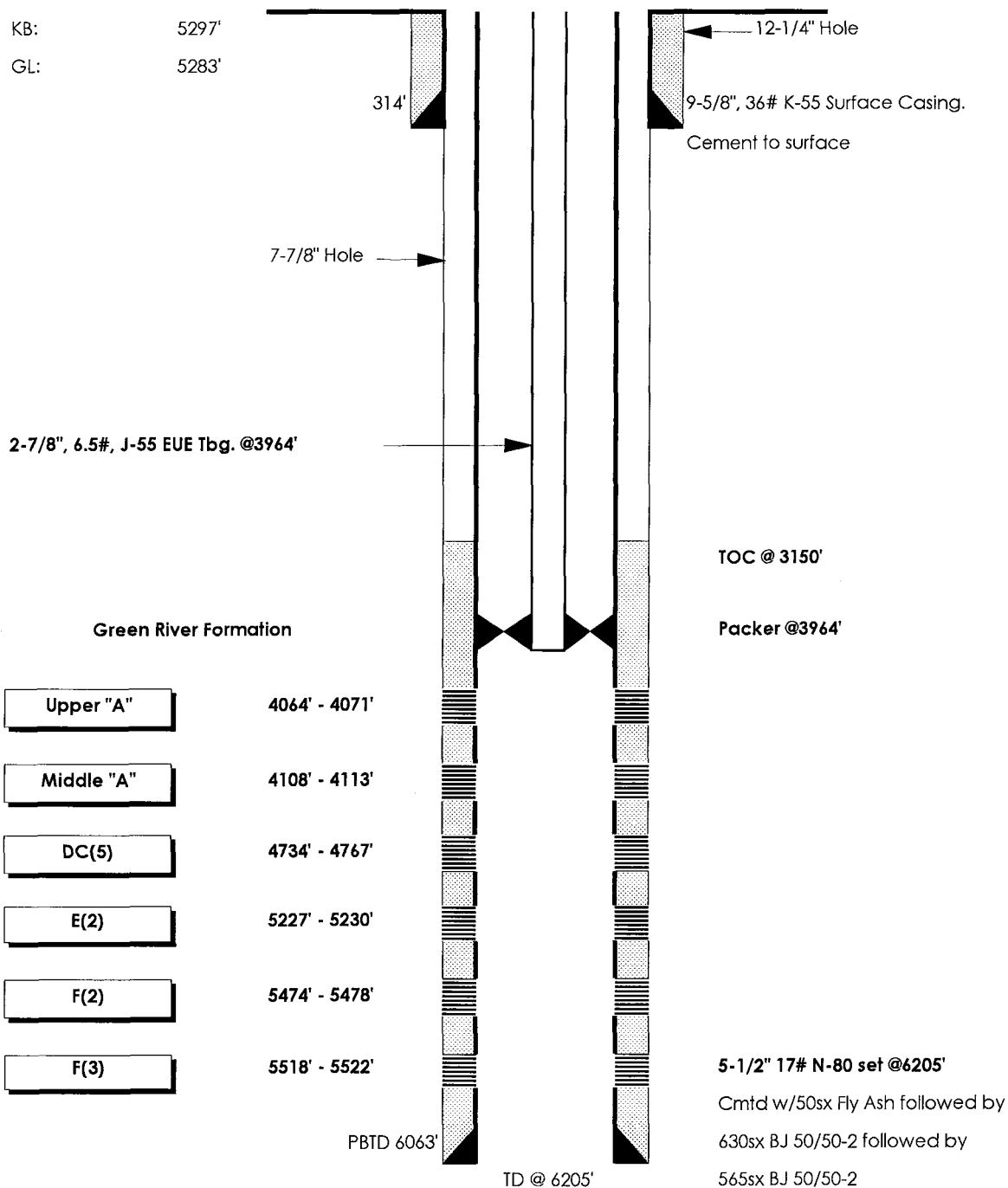
### Duchesne County, Utah

Spud: 8/23/82  
 TD Date: 8/31/82  
 Compl. Date: 1/5/83

RE-ENTRY OR RE-DRILL  
**PROPOSED WIW**

Sec 8-T9S-R17E  
 1624' FNL & 506' FEL  
 SE/4 NE/4

KB: 5297'  
 GL: 5283'





# FEDERAL 11-9H

## PLEASANT VALLEY FIELD

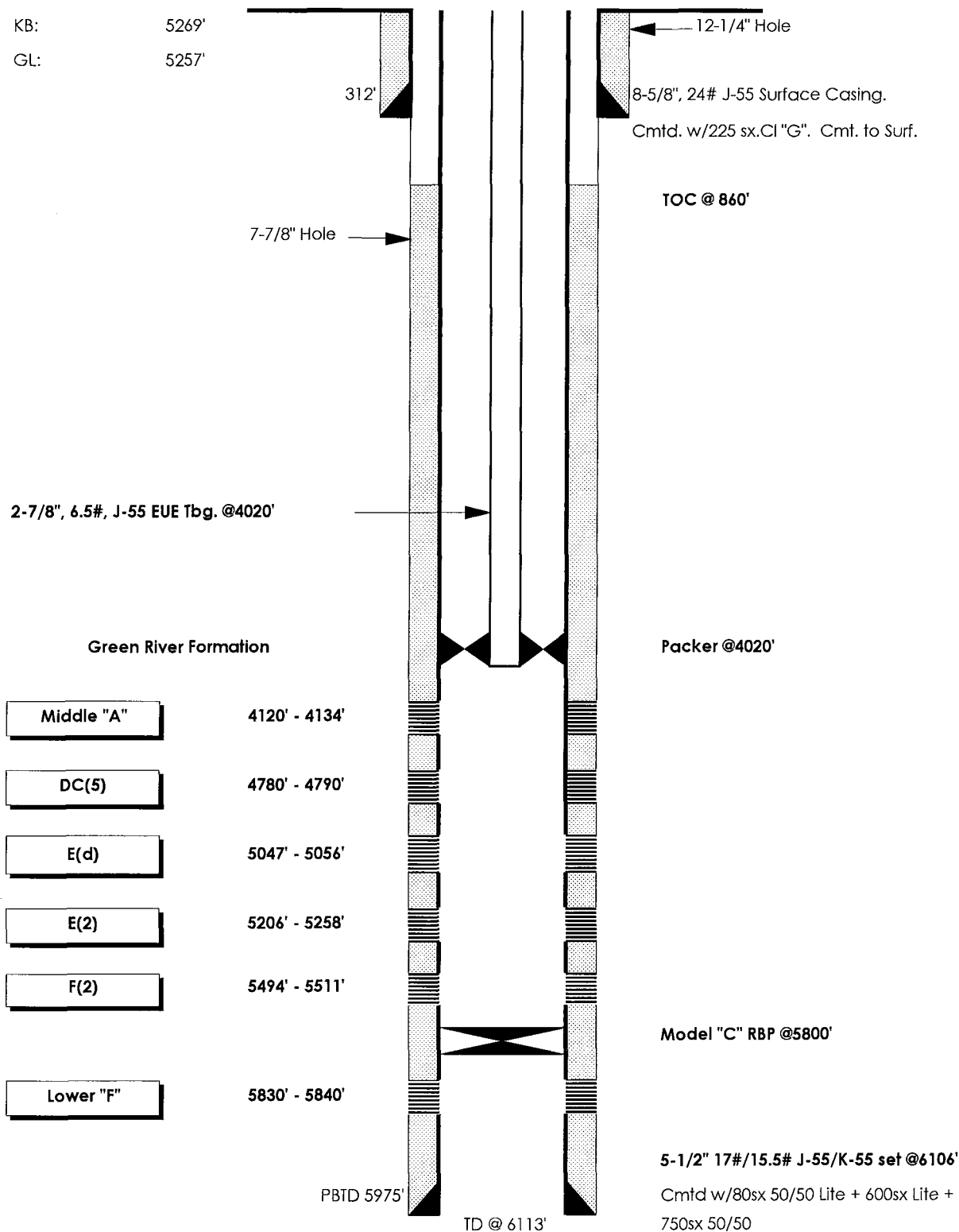
### Duchesne County, Utah

Spud: 1/8/84  
 TD Date: 1/17/84  
 Compl. Date: 2/24/84

### PROPOSED WIW

Sec 9-T9S-R17E  
 630' FNL & 600' FWL  
 NW/4 NW/4

KB: 5269'  
 GL: 5257'



# FEDERAL 13-9H

## PLEASANT VALLEY FIELD

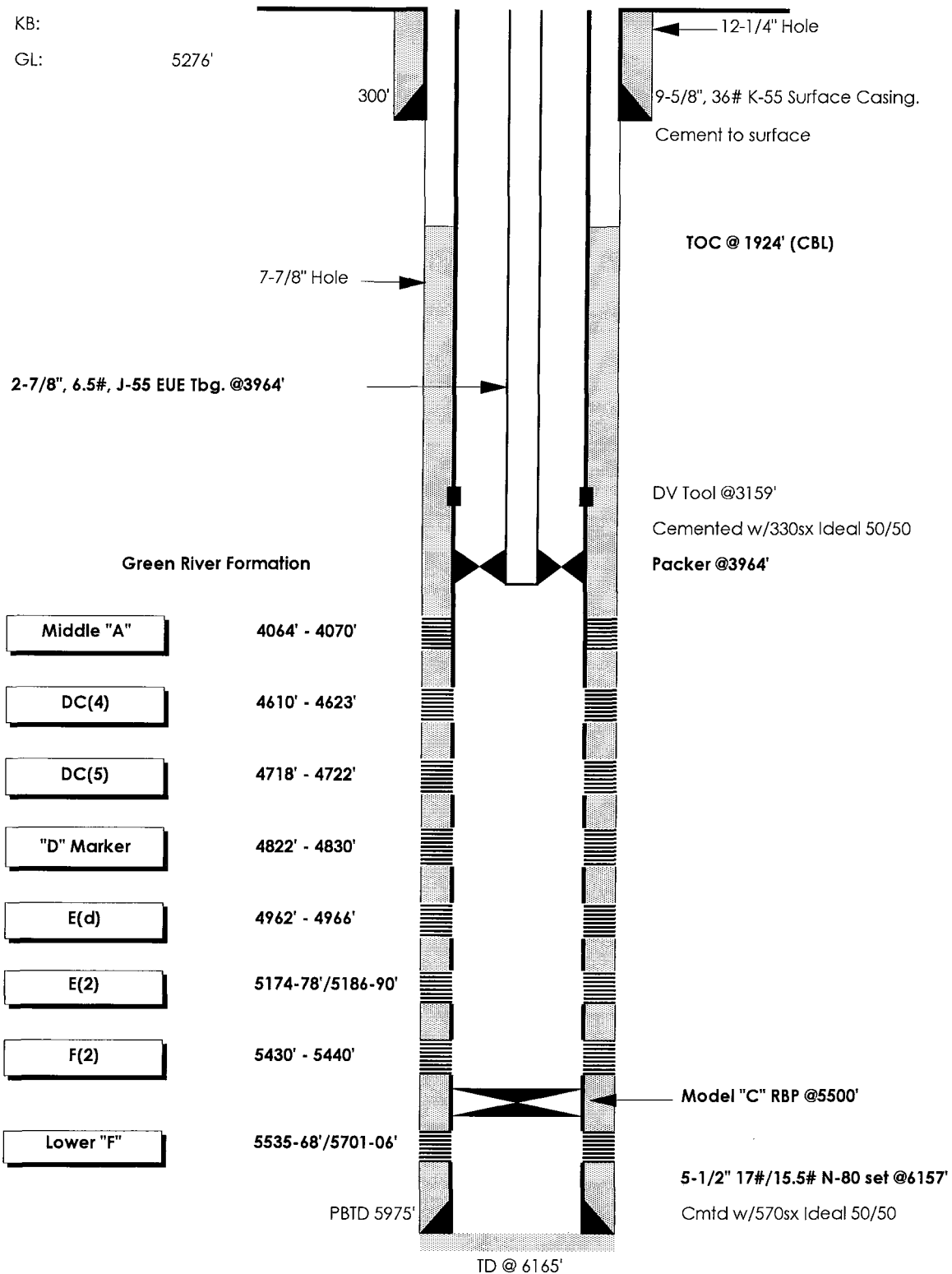
### Duchesne County, Utah

Spud: 5/9/82  
 TD Date: 5/19/82  
 Compl. Date: 7/31/82

Sec 9-T9S-R17E  
 724' FEL & 1990' FSL  
 NW/4 SW/4

### PROPOSED WIW

KB:  
 GL: 5276'



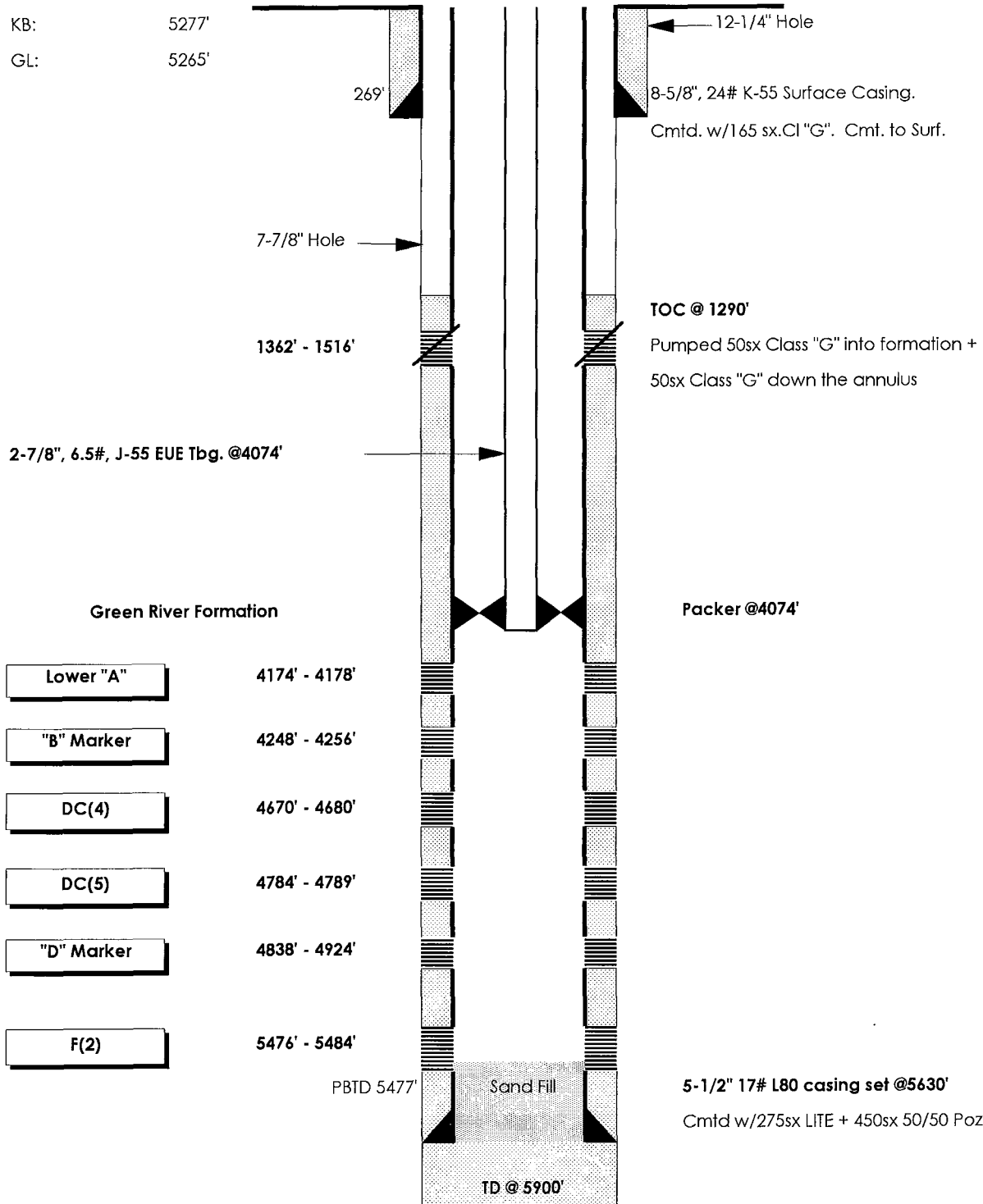
**FEDERAL 22-9H**  
**PLEASANT VALLEY FIELD**  
 Duchesne County, Utah

Spud: 1/7/85  
 TD Date: 1/28/85  
 Compl. Date: 3/25/85

**PROPOSED WIW**

Sec 9-T9S-R17E  
 1980' FNL & 2007' FWL  
 SE/4 NW/4

KB: 5277'  
 GL: 5265'



# FEDERAL 24-9H

## PLEASANT VALLEY FIELD

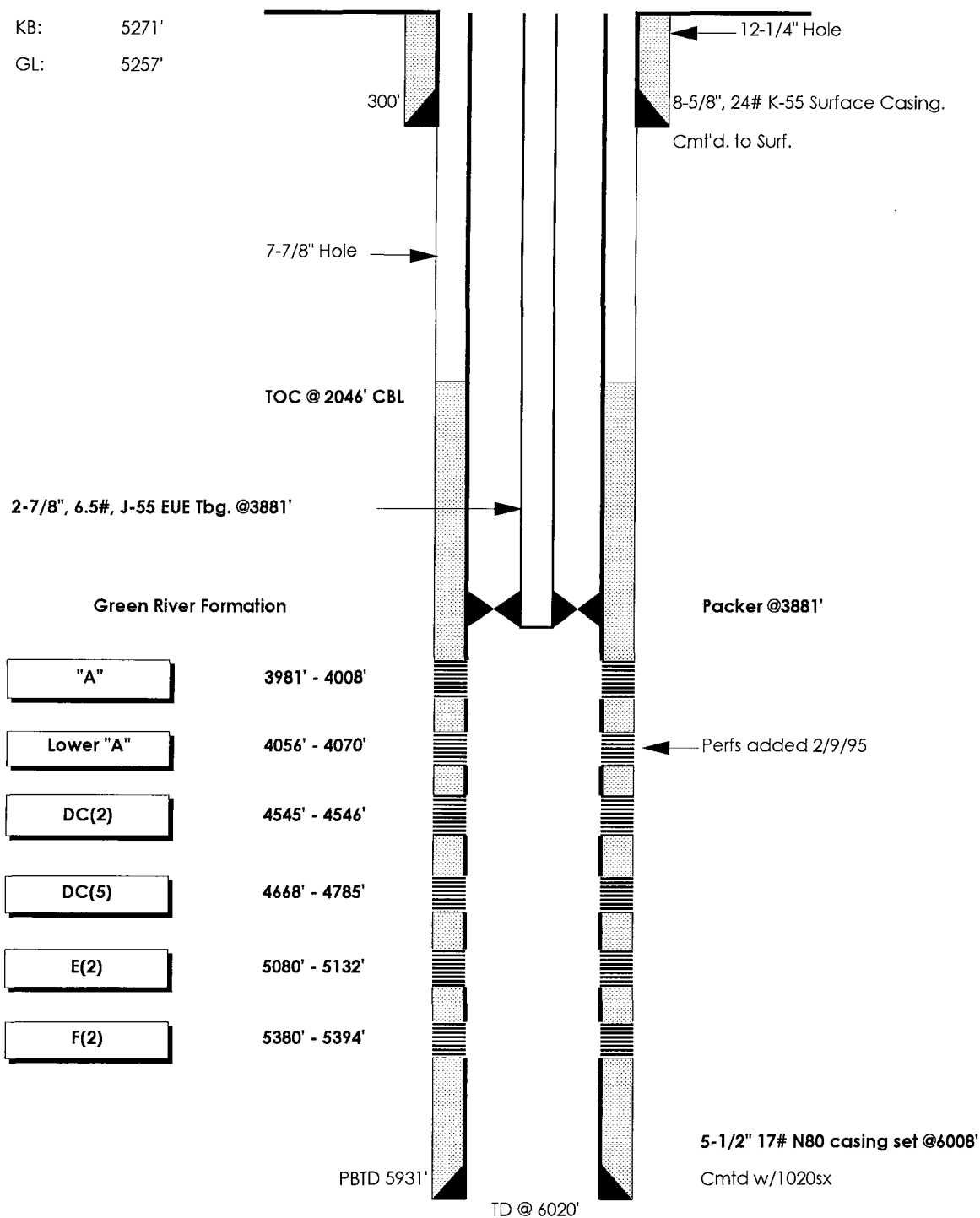
Duchesne County, Utah

Spud: 10/12/82  
 TD Date: 10/20/82  
 Compl. Date: 1/21/83

### PROPOSED WIW

Sec 9-T9S-R17E  
 664' FSL & 1980' FWL  
 SE/4 WW/4

KB: 5271'  
 GL: 5257'



# FEDERAL 33-9H

## PLEASANT VALLEY FIELD

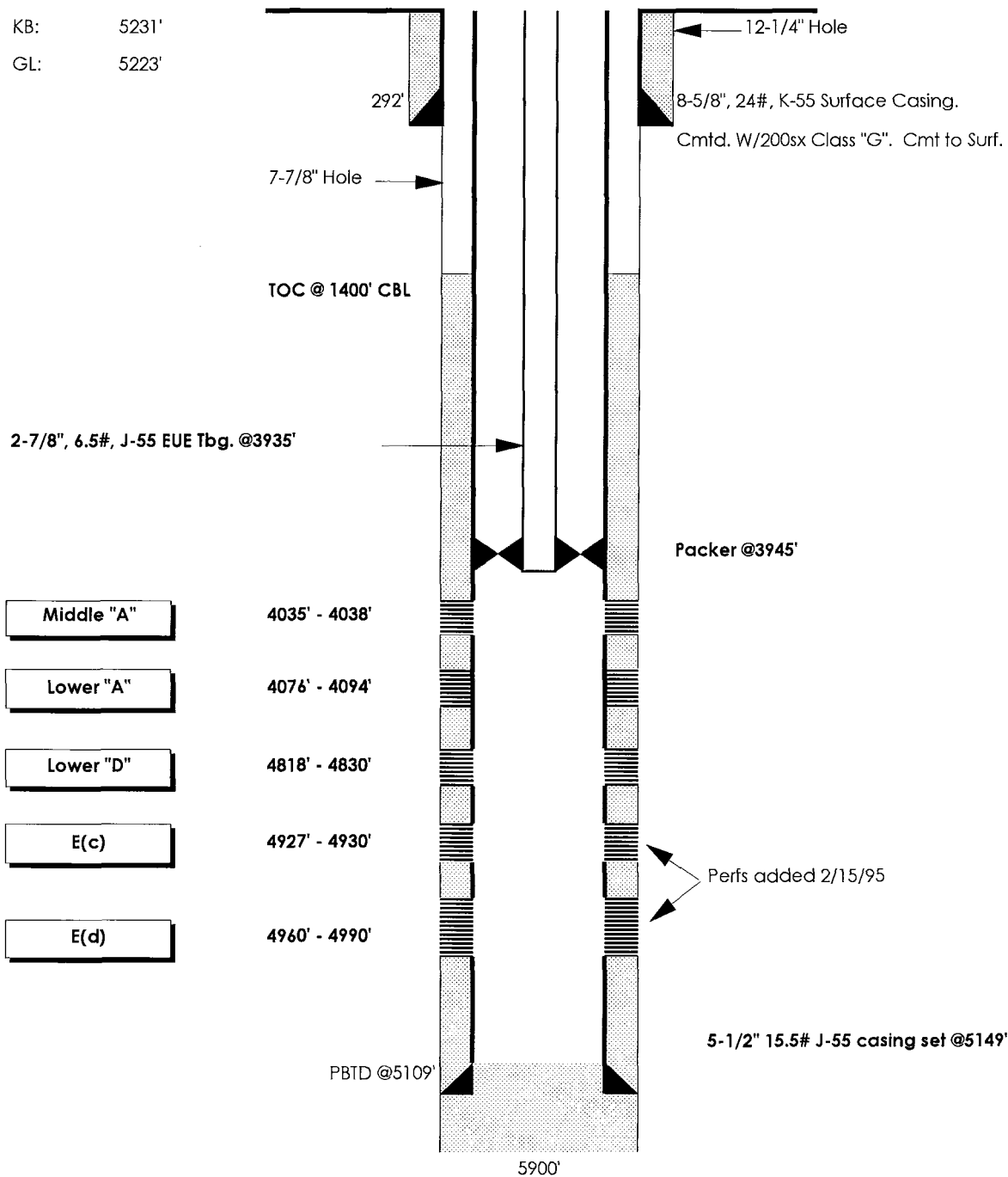
### Duchesne County, Utah

Spud: 10/13/86  
 TD Date: 12/12/86  
 Compl. Date: 12/16/86

### PROPOSED WIW

Sec 8-T9S-R17E  
 1980' FNL & 1980' FEL  
 SW/4 NE/4

KB: 5231'  
 GL: 5223'



# ALLEN FEDERAL 44-5

## PLEASANT VALLEY FIELD

Duchesne County, Utah

Spud: 5/16/84

TD Date: 5/28/94

Compl. Date:

Sec 5-T9S-R17E

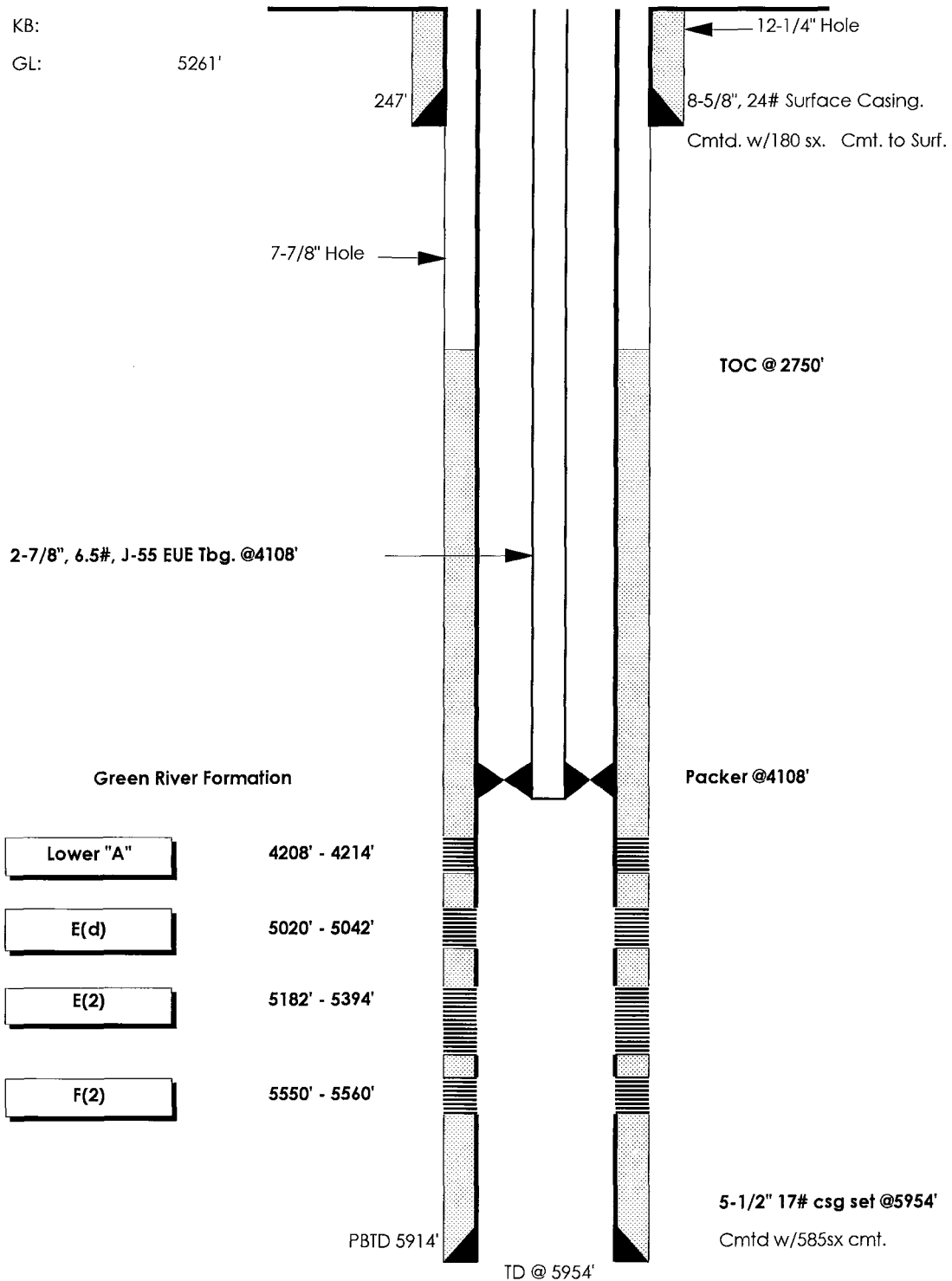
548' FSL & 718' FEL

SW/4 SE/4 SE/4

### PROPOSED WIW

KB:

GL: 5261'



BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF DALEN RESOURCES COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF THE	:	CAUSE NO. UIC-160
FEDERAL 44-5, FEDERAL 22-8H,	:	
FEDERAL 31-8H, FEDERAL 42-8H,	:	
FEDERAL 11-9H, FEDERAL 13-9H,	:	
FEDERAL 22-9H, FEDERAL 24-9H &	:	
FEDERAL 33-9H WELLS LOCATED IN	:	
SECTIONS 5, 8 & 9, TOWNSHIP 9 SOUTH,	:	
RANGE 17 EAST, S.L.M., DUCHESNE COUNTY,	:	
UTAH, AS CLASS II INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Dalen Resources Company for administrative approval of the Federal 44-5, Federal 22-8H, Federal 31-8H, Federal 42-8H, Federal 11-9H, Federal 13-9H, Federal 22-9H, Federal 24-9H, and Federal 33-9H Wells, located in Sections 5, 8 & 9, Township 9 South, Range 17 East, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Approval has been requested to inject water for the purpose of water flooding in the interval from 3981 feet to 5560 feet (Green River Formation). The average injection pressure is estimated to be 2000 psig. The estimated injection volume will be approximately 300 - 500 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 5th day of July, 1995.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

  
\_\_\_\_\_  
R.J. Firth  
Associate Director, Oil and Gas



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

July 5, 1995

Newspaper Agency Corporation  
Legal Advertising  
Tribune Building, Front Counter  
143 South Main  
Salt Lake City, Utah 84111

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-160

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement  
Administrative Secretary

Enclosure  
WOI168







State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

July 5, 1995

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-160

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement  
Administrative Secretary

Enclosure  
WOI168



**Dalen Resources Company  
Federal 44-5, Federal 22-8H, Federal 31-8H,  
Federal 42-8H, Federal 11-9H, Federal 13-9H, Federal 22-9H  
Federal 24-9H, Federal 33-9H Wells  
Cause No. UIC-160**

Publication Notices were sent to the following:

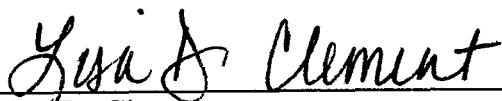
Newspaper Agency Corporation  
Legal Advertising  
Tribune Building, Front Counter  
143 South Main  
Salt Lake City, Utah 84111

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Dalen Resources Company  
6688 N. Central Expressway, #1000  
Dallas, Texas 75206-3922

Tom Pike  
U.S. Environmental Protection Agency  
Region VIII  
999 18th Street  
Denver, Colorado 80202-2466

  
\_\_\_\_\_  
Lisa D. Clement  
Administrative Secretary  
July 5, 1995

# AFFIDAVIT OF PUBLICATION

County of Duchesne,

STATE OF UTAH

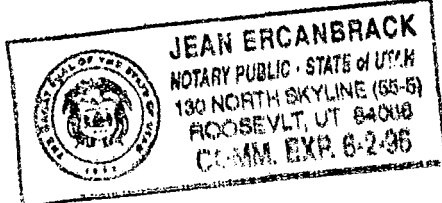
I, Craig L. Ashby on oath, say that I am the  
PUBLISHER of the Uintah Basin Standard, a weekly  
newspaper of general circulation, published at  
Roosevelt, State and County aforesaid, and that a certain  
notice, a true copy of which is hereto attached, was  
published in the full issue of such newspaper  
for 1 consecutive issues, and that the first  
publication was on the 11 day of July,  
1995, and that the last publication of such notice was  
in the issue of such newspaper dated the 11 day  
of July, 1995.

Subscribed and sworn to before me this

28 day of July, 1995

Jean Ercanbrack

Notary Public



## NOTICE OF AGENCY ACTION

CAUSE NO. UIC-160  
IN THE MATTER OF  
THE APPLICATION OF  
DALEN RESOURCES  
COMPANY FOR AD-  
MINISTRATIVE AP-  
PROVAL OF THE FED-  
ERAL 44.5, FEDERAL  
22-8H, FEDERAL 31-8H,  
FEDERAL 42-8H, FED-  
ERAL 11-9H, FEDERAL  
13-9H, FEDERAL 22-9H,  
FEDERAL 24-9H & FED-  
ERAL 33-9H WELLS  
LOCATED IN SEC-  
TIONS 5,8 & 9, TOWN-  
SHIP 9 SOUTH, RANGE  
17 EAST, S.L.M.,  
DUCESNE COUNTY,  
UTAH, AS CLASS II IN-  
JECTION WELLS

THE STATE OF UTAH  
TO ALL PERSONS IN-  
TERESTED IN THE  
ABOVE ENTITLED  
MATTER.

Notice is hereby given  
that the Division is com-  
mencing an informal adju-  
dicative proceeding to con-  
sider the application of  
Dalen Resources Company  
for administrative approval  
of the Federal 44.5, Fed-  
eral 22-8H, Federal 31-8H,  
Federal 42-8H, Federal 11-  
9H, Federal 13-9H, Fed-  
eral 22-9H, Federal 24-9H  
& Federal 33-9H wells lo-  
cated in Sections 5,8 & 9,  
Township 9 South, Range  
17 East, S.L.M., Duchesne  
County, Utah, as Class II  
injection wells. The pro-  
ceeding will be conducted  
in accordance with Utah  
Admin. R.649-10, Admin-  
istrative Procedures.

approval has been re-  
quested to inject water for  
the purpose of water flood-  
ing in the interval from

3981 feet to 5560 feet  
(Green River Formation).  
The average injection pres-  
sure is estimated to be 2000  
psig. The estimated injec-  
tion volume will be ap-  
proximately 300-500 bar-  
rels of water per day.

Any person desiring to  
object to the application or  
otherwise intervene in the  
proceeding, must file a  
written protest or notice of  
intervention with the Divi-  
sion within fifteen days of  
the date of publication of  
this notice. If such a protest  
or notice of intervention is  
received, a hearing may be  
scheduled before the Board  
of Oil, Gas and Mining.  
Protestants and/or interve-  
nors should be prepared to  
demonstrate at the hearing  
how this matter affects their  
interests.

DATED this 5th day of  
July, 1995.

STATE OF UTAH  
DIVISION OF OIL, GAS  
AND MINING

R.J. Firth, Associate Di-  
rector, Oil and Gas  
Published in the Uintah  
Basin Standard July 11,  
1995

OFFICE COPY

# NOTICE OF HEARING

DOCKET NO. 95-007  
CAUSE NO. 234-1

IN THE MATTER OF  
THE REQUEST FOR  
AGENCY ACTION OF  
DALEN RESOURCES  
OIL & GAS COMPANY  
FOR AN ORDER ESTABLISHING A WATER  
FLOOD UNIT FOR THE  
SECONDARY RECOVERY OF OIL FROM THE  
GREEN RIVER FORMATION IN A PORTION OF  
SECTIONS 4, 5, 8, AND 9  
OF TOWNSHIP 9  
SOUTH, RANGE 17  
EAST, DUCHESNE  
COUNTY, UTAH

THE STATE OF UTAH  
TO ALL PERSONS INTERESTED IN THE  
ABOVE ENTITLED  
MATTER.

Notice is hereby given that the Board of Oil, Gas and Mining ("Board"), State of Utah, will conduct a hearing on Wednesday, July 26, 1995, at 10:00 a.m., or as soon thereafter as possible, in the Boardroom of the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 520, Salt Lake City, Utah.

The hearing will be conducted in accordance with the Utah Code Ann. § 40-6-1 et seq., Utah Code Ann. § 63-46b-1 et seq., (1953, as amended), and the Procedural Rules of the Board.

The purpose of the proceeding will be for the Board to receive and consider testimony and evidence regarding the establishment of a secondary recovery unit, the approval of a secondary recovery program by water flood utilizing enhanced recovery wells, and the unitization of the interest in oil and gas in the Green River formation within the proposed Pleasant Valley Unit area.

The proposed Pleasant Valley Unit area will consist of 880 acres in Duchesne County, Utah, described as follows:

Township 9 South,  
Range 17 East, SLM Section 4: SW 1/4 SW 1/4  
Section 5: S 1/2 SE 1/4  
Section 8: N 1/2 Section 9:  
W 1/2, SW 1/4 NE 1/4, W  
1/2 SE 1/4

Petitioner request the Board to make its findings and issue its order:

1. Providing for and approving unitized management, operation, and development of the Green River formation in the proposed Pleasant Valley Unit area as a common source of supply;

2. Authorizing the proposed water flood project for the Green River formation in the proposed unit area;

3. Approving the proposed plan of unitization and proposed operating plan for the Pleasant Valley Unit;

4. Making such findings and orders in connection with this petition that are in the public interest, promotes conservation, increases ultimate recovery, prevents waste, and protects the correlative rights of all parties have an interest within the unit area and the surrounding area; and

5. Providing for such other and further action as deemed appropriate.

Natural persons may appear and represent themselves before the Board. All other representation by parties before the Board will be by attorneys licensed to practice law in the state of Utah, or attorneys licensed to practice law in another jurisdiction which meet the rules of the Utah State Bar for practicing law before the Utah Courts. Attorney representation may be waived by the Board upon petition and good cause shown.

Objections to this matter should be filed with the Secretary of the Board at the above address no later than the 10th day of the month, or two weeks before the scheduled hearing, whichever is earlier. Objections filed later than the 10th day may be considered by the Board at or before the regularly scheduled meeting for good cause shown.

Persons interested in this matter may participate pursuant to the procedural rules of the Board. The Request, and any subsequent pleadings, may be inspected in the office of the undersigned.

Pursuant to the Americans with Disabilities Act, persons requiring auxiliary communicative aids and services to enable them to participate in this hearing should call Janice Brown at 538-5340, at least three working days prior to the date.

DATED this 5 day of July, 1995.

STATE OF UTAH  
BOARD OF OIL, GAS  
AND MINING, Dave D.  
Lauriski, Chairman.

/s/ Janice L. Brown Secretary of the Board, 355 West North Temple, 3 Triad Center, Suite 520, Salt Lake City, Utah 84180-1203 (801) 538-5340

Published in the Uintah Basin Standard July 11, 1995

OFFICE COPY

# AFFIDAVIT OF PUBLICATION

County of Duchesne,

STATE OF UTAH

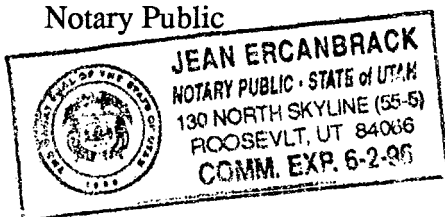
I, Craig L. Ashby on oath, say that I am the  
PUBLISHER of the Uintah Basin Standard, a weekly  
newspaper of general circulation, published at  
Roosevelt, State and County aforesaid, and that a certain  
notice, a true copy of which is hereto attached, was  
published in the full issue of such newspaper  
for 1 consecutive issues, and that the first  
publication was on the 11 day of July,  
1995, and that the last publication of such notice was  
in the issue of such newspaper dated the 11 day  
of July, 1995.

Subscribed and sworn to before me this

28 day of August, 1995

Jean Ercanbrack

Notary Public



143 SOUTH MAIN ST.  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145  
FED. TAX ID. # 87-0217663

Newspaper Agency Corporation  
The Salt Lake Tribune DESERET NEWS

CUSTOMER'S  
COPY

PROOF OF PUBLICATION

DIV. OF OIL, GAS & MINING  
JUL 20 1995  
RECEIVED

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	07/10/95

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL768200501
SCHEDULE	
START 07/10/95 END 07/10/95	
CUST. REF. NO.	

NOTICE OF AGENCY ACTION  
BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH  
CAUSE NO. UIC-160

IN THE MATTER OF THE APPLICATION OF DALEN RESOURCES COMPANY FOR ADMINISTRATIVE APPROVAL OF THE FEDERAL 44-5, FEDERAL 22-8H, FEDERAL 31-8H, FEDERAL 42-8H, FEDERAL 11-9H, FEDERAL 13-9H, FEDERAL 22-9H, FEDERAL 24-9H AND FEDERAL 33-9H WELLS LOCATED IN SECTIONS 5, 8, AND 9, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Dalen Resources Company for administrative approval of the Federal 44-5, Federal 22-8H, Federal 31-8H, Federal 42-8H, Federal 11-9H, Federal 13-9H, Federal 22-9H, Federal 24-9H, and Federal 33-9H Wells, location in Sections 5, 8, and 9, Township 9 South, Range 17 East, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Approval has been requested to inject water for the purpose of water flooding in the interval from 3981 feet to 5560 feet (Green River Formation). The average injection pressure is estimated to be 2000 psig. The estimated injection volume will be approximately 300 - 500 barrels of water per day.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 5th day of July, 1995.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
/ R.J. Firth  
Associate Director, Oil & Gas  
1820050

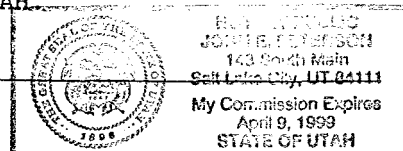
AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED  
NOTICE OF AGENCY ACTION BEFORE  
L, GAS & MINING FOR

CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS  
PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED  
IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 07/10/95 END 07/10/95

SIGNATURE

DATE 07/10/95



OFFICE COPY

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT.



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

August 1, 1995

Dalen Resources Company  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206

Re: Federal 44-5, 22-8H, 31-8H, 42-8H, 11-9H, 13-9H, 22-9H, 24-9H and 33-9H Wells  
Located in Sections 5, 8, and 9, Township 9 South, Range 17 East, Duchesne  
County, Utah

Gentlemen:

In accordance with Utah Admin. Code R.649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells.

The following stipulations shall apply for compliance with this approval:

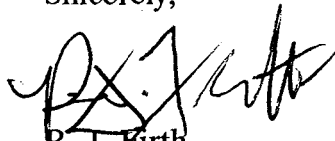
1. Full compliance with all applicable requirements regarding operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R.649-1 et seq.
2. Conformance with all conditions and requirements of the enclosed Underground Injection Control Permit and the applications submitted by Dalen Resources Company.
3. The Federal 44-5 well, Section 5, Township 9 South, Range 17 East, shall not be converted until a change of operator has been approved by the appropriate agencies.
4. Work shall not commence on the Federal 22-8H well, Section 8, Township 9 South, Range 17 East, prior to receiving approval from the appropriate agencies to reenter the well.



Page 2  
Dalen Resources Company  
August 1, 1995

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,



R. J. Firth  
Associate Director

ldc  
cc: Tom Pike, Environmental Protection Agency  
Bureau of Land Management, Vernal  
WCNVRT



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2027' FNL & 2018' FWL  
SE/4 NW/4 Section 8, T9S-R17E

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 22-8H

9. API Well No.

43-013-31457

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

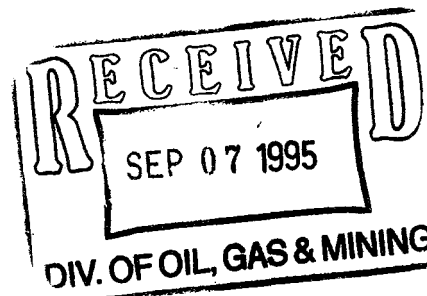
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☒ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DALEN Resources requests approval to convert the Federal 22-8H to water injection as shown on the attached procedure and wellbore diagram.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 9-27-95  
BY: [Signature]



14. I hereby certify that the foregoing is true and correct

Signed

[Signature: Cindy R. Beister]

Title

Regulatory Compliance Specialist

Date

08/26/1995

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**FEDERAL NO. 22-8H  
PLEASANT VALLEY FIELD  
SECTION 8, T9S, R17E  
DUCHESNE COUNTY, UTAH**

**INJECTOR CONVERSION PROCEDURE**

**PURPOSE:** Convert to an injector for the Green River formation waterflood.

**DISCUSSION:** All tubing and rods shall be pulled. A casing scraper shall be run to the packer setting depth. The well shall be tubed up with 2 3/8" internally coated tubing and placed on injection. A CIBP shall be set to isolate the F(1) sand.

**PROCEDURE:**

1. MIRU. NU BOP. POOH laying down rods; stand all tubing.
2. RIH w/ 4-3/4" rock bit, casing scraper (Bowen type), and tbg to PBTD. POOH.
3. Set a CIBP at 5408' to isolate the F1 sand.
4. PU injection packer, on/off tool, and 2-3/8" injection tubing. RIH; set packer at 4000'. Release on/off tool; circulate packer fluid down casing. Latch on to packer and hang off tubing w/ 5 pts tension. Test casing to 1000 psi for 30 min (notify the DOGM and the EPA a minimum of 24 hours prior to testing).
5. Hook up wellhead for injection.

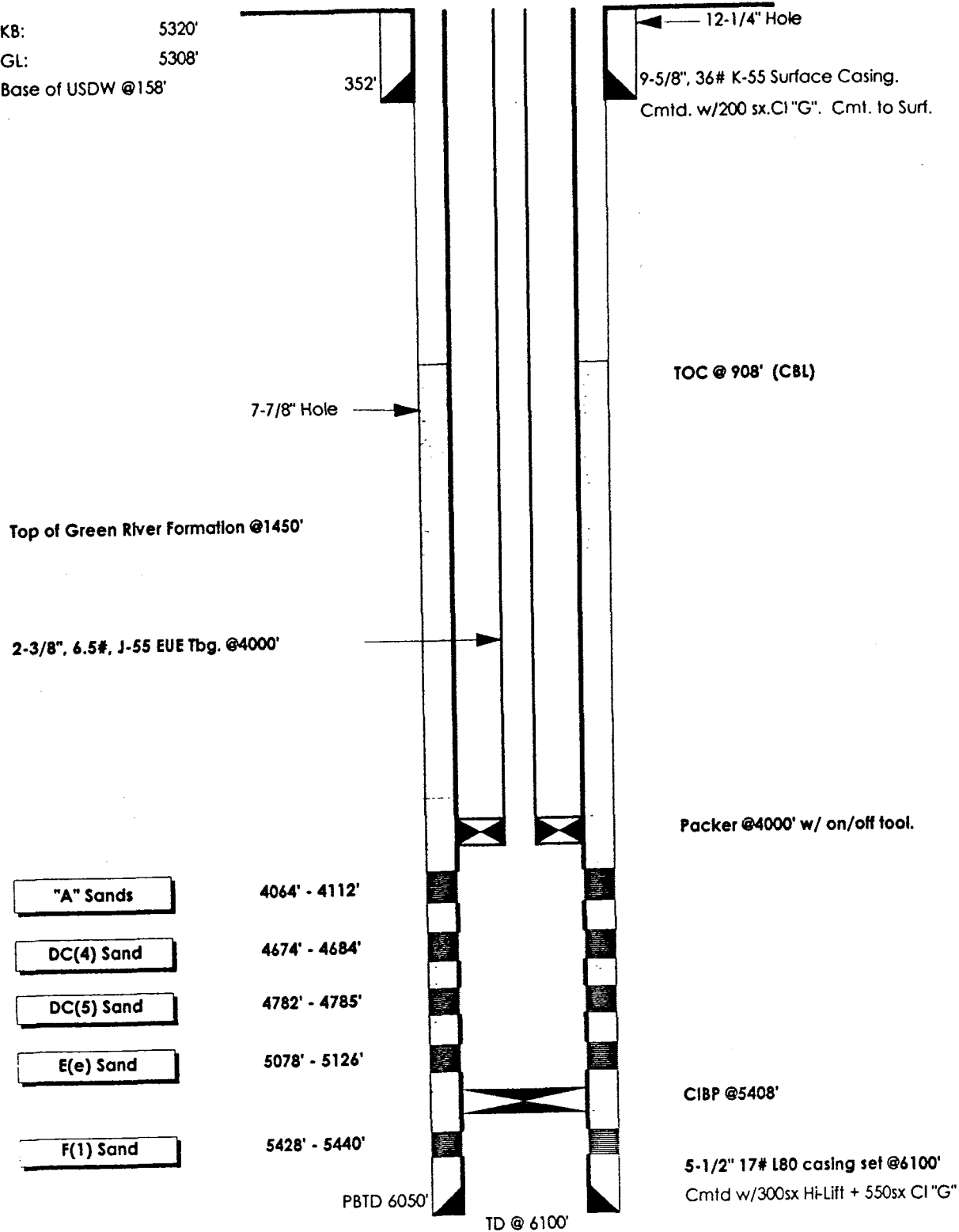
**FEDERAL 22-8H**  
**PLEASANT VALLEY FIELD**  
Duchesne County, Utah

Spud: 9/13/94  
TD Date: 9/24/94  
Compl. Date: 11/4/94

Sec 8-T9S-R17E  
2027' FNL & 2018' FWL  
SE/4 NW/4

**PROPOSED WIW**

K8: 5320'  
GL: 5308'  
Base of USDW @158'



**ENSERCH  
EXPLORATION** INC

4849 Greenville Ave., Suite 1200  
Dallas, Texas 75206-4186  
214/369-7893

January 11, 1996

Bureau of Land Management  
Utah State Office  
324 South State  
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

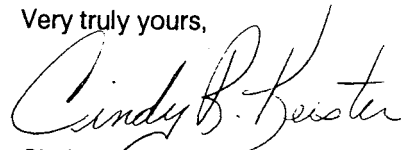
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

UTAH WELLS  
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY	
*	Federal	11- 4G	U-30096	✓ 43-013-31250	NW NW	4	9S	16E	Duchesne	
*	Federal	12- 4G	U-30096	✓ 43-013-3699	SW NW	4	9S	16E	Duchesne	30699
✓ *	Federal	21- 4G	U-30096	43-013-31272	NE NW	4	9S	16E	Duchesne	(w/w)
*	Federal	31- 4G	U-30096	✓ 43-013-31228	NW SE	4	9S	16E	Duchesne	
*	Federal	42- 4G	U-30096	✓ 43-013-30638	SE NE	4	9S	16E	Duchesne	
*	Federal	21- 5G	U-30096	✓ 43-013-30698	NE NW	5	9S	16E	Duchesne	30698
*	Federal	22- 5G	U-30096	✓ 43-013-31273	SE NW	5	9S	16E	Duchesne	
*	Federal	23- 5G	U-30096	✓ 43-013-31207	NE SW	5	9S	16E	Duchesne	
*	Federal	31- 5G	U-30096	✓ 43-013-31252	NW NE	5	9S	16E	Duchesne	
✓ *	Federal	32- 5G	U-30096	43-013-30670	SW NE	5	9S	16E	Duchesne	(w/w)
✓ *	Federal	41- 5G	U-30096	43-013-31205	NE SW	5	9S	16E	Duchesne	(w/w)
*	Federal	43- 5G	U-034217-A	✓ 43-013-30858	NE SE	5	9S	16E	Duchesne	
*	Federal	13- 33B	U-49092	✓ 43-013-31277	NW SW	33	8S	16E	Duchesne	
✓ *	Federal	14- 33B	U-49092	43-013-31229	SW SW	33	8S	16E	Duchesne	(w/w)
*	Federal	23- 33B	U-49092	✓ 43-013-31251	NE SW	33	8S	16E	Duchesne	
*	Federal	24- 33B	U-49092	✓ 43-013-31214	SE SW	33	8S	16E	Duchesne	
*	Federal	33- 33B	U-49092	✓ 43-013-31268	NW SE	33	8S	16E	Duchesne	
✓ *	Federal	34- 33B	U-49092	43-013-31269	SW SE	33	8S	16E	Duchesne	(w/w)
✓ *	Federal	43- 33B	U-49092	43-013-31240	NE SE	33	8S	16E	Duchesne	(w/w)
*	Federal	44- 33B	U-49092	✓ 43-013-31270	SE SE	33	8S	16E	Duchesne	
*	Federal	13- 34B	U-47171	✓ 43-013-31271	NW SW	34	8S	16E	Duchesne	
✓ *	Federal	14- 34B	U-47171	43-013-31225	SW SW	34	8S	16E	Duchesne	(w/w)
*	Federal	23- 34B	U-47171	✓ 43-013-31241	NE SW	34	8S	16E	Duchesne	
**	Federal	14- 4	U-07978	✓ 43-013-30671	SW SW	4	9S	17E	Duchesne	
**	Federal	34- 5	UTU-72108	✓ 43-013-30721	SW SE	5	9S	17E	Duchesne	
**	Federal	44- 5	UTU-72108	✓ 43-013-30913	SE SE	5	9S	17E	Duchesne	
**	Federal	12- 8H	U-10760	✓ 43-013-30680	SW NW	8	9S	17E	Duchesne	
**	Federal	21- 8H	U-10760	✓ 43-013-31460	NE NW	8	9S	17E	Duchesne	
**	Federal	22- 8H	U-10760	✓ 43-013-31457	SE NW	8	9S	17E	Duchesne	
**	Federal	31- 8H	U-10760	✓ 43-013-30679	NW NE	8	9S	17E	Duchesne	
**	Federal	32- 8H	U-10760	✓ 43-013-30542	SW NE	8	9S	17E	Duchesne	
**	Federal	41- 8H	U-10760	✓ 43-013-30741	NE NE	8	9S	17E	Duchesne	
**	Federal	42- 8H	U-10760	✓ 43-013-30678	SE NE	8	9S	17E	Duchesne	ORL
	Federal	24- 15H	U-10760	✓ 43-013-30681	SE SW	15	9S	17E	Duchesne	
**	Federal	11- 9H	U-50750	✓ 43-013-30887	NW NW	9	9S	17E	Duchesne	
**	Federal	12- 9H	U-50750	✓ 43-013-30983	SW NW	9	9S	17E	Duchesne	
**	Federal	13- 9H	U-50750	✓ 43-013-30656	NW SW	9	9S	17E	Duchesne	
**	Federal	14- 9H	U-50750	✓ 43-013-31459	SW SW	9	9S	17E	Duchesne	
	Federal	32-29	U-19267	✓ 43-047-31175	SW NE	29	9S	18E	WINTAH	POW

DALEN Resources  
Oil & Gas Co.



January 15, 1996

Mr. Dan Jarvis  
State of Utah Dept. of Natural Resources  
Division of Oil, Gas & Mining  
355 West Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84186

RE: Pleasant Valley Waterflood Project  
Duchesne County, Utah  
Initial MIT Tests  
Nine Unit Injection Wells

Dear Mr. Jarvis:

Attached is an original and two copies of Form 9 "Sundry Notices and Reports on Wells" for each water injection well in the referenced unit.

If you have any questions or need further information, please contact the undersigned at (214) 987-6353.

Very truly yours,

A handwritten signature in cursive script, reading "Cindy R. Keister".

Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: BLM - Vernal

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT--for such proposals.

## 1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other (Specify)

WIW

## 2. Name of Operator

DALEN Resources Oil &amp; Gas Co.

## 3. Address of Operator

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

## 4. Telephone Number

(214) 692-4537

## 5. Location of Well

Footage : 2027' FNL &amp; 2018' FWL

QQ. Sec. T., R., M. : SE/4 NW/4 Sec. 8, T9S-R17E

County : Duchesne

State : UTAH

### 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate Date Work Will Start \_\_\_\_\_

#### SUBSEQUENT REPORT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *                       | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                       | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                     | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection             | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Test                       | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Test Casing</u> |   |

Date of Work Completion 11/18/95

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

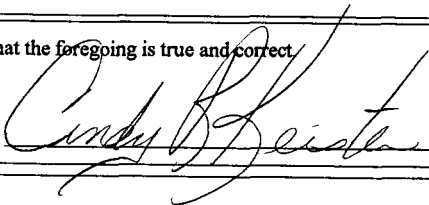
\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

As required by Utah Oil & Gas Conservation Rule R615-5-5, the casing on the Federal 22-8H was tested to 1000 psi for 30 minutes on 12/13/95 as shown on the attached report.

14. I hereby certify that the foregoing is true and correct.

Name &amp; Signature


Title Regulatory Compliance SpecialistDate 01/15/1996

(State Use Only)

CC: BLM - Vernal, Ut

Pleasant Valley Unit  
Fed. 22-8-H - Enserch Expl., Inc. - Duchesne County, Utah

---

<u>Date of Report</u>	<u>Progress Since that Last Reported and Status as of 8:00 a.m. Today</u>
12-11-95	<u>INITIAL REPORT</u> API #4301331457 EEI WI - 79.26% Purpose - Convert to water injection Moved in and rigged up, unseated pump and pulled out of hole, laid down rods and pump. Nippled down wellhead, nipped up BOP. Ran 2-7/8" tubing, tagged fill at 6,045 feet. Pulled out of hole with tubing. Ran bit and scraper on 10 stands of tubing, shut-in for night.
12-12-95	Ran tubing, bit and scraper to 5,435 feet, pulled out of hole. Ran and set bridge plug at 5,408 feet, shut down for night.
12-13-95	Ran and set packer with on/off tool at 4,012 feet. Nippled down BOP, nipped up wellhead. Displaced casing with treated 3% KCL water, tested casing to 1,000 psi for 30 min. Held OK. Rigged down and released rig. FINAL REPORT.



**ENSERCH**  
**EXPLORATION** INC

4849 Greenville Avenue, Suite 1200  
Dallas, Texas 75206-4186

January 18, 1996

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Attention: Mr. Dan Jarvis

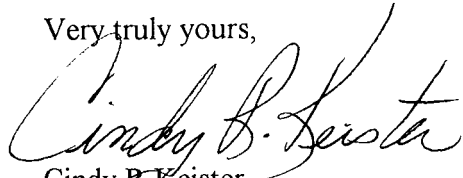
RE: Operator Changes - UIC Wells  
Pleasant Valley Unit  
Wells Draw Unit  
West Willow Creek Unit  
Duchesne & Uintah Counties, Utah

Gentlemen:

Attached is an original and one (1) copy of UIC Form 5 "Transfer of Authority to Inject" changing the operator from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. for the water and gas injection wells in the referenced units. Also attached is a copy of the Certificate of Merger from the Secretary of the State of Texas certifying the Articles of Merger.

If you have any questions or need further information, please contact the undersigned at 214/987-6353.

Very truly yours,



Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Central File  
Regulatory File

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Federal 22-8H  
Field or Unit name: Pleasant Valley Unit API no. 43-013-31457  
Well location: QQ NW section 8 township 9S range 17E county Duchesne  
Effective Date of Transfer: 01/01/96

CURRENT OPERATOR

Transfer approved by:

Name Cindy R. Keister Company DALEN Resources Oil & Gas Co.  
Signature Cindy R. Keister Address 6688 N. Central Expwy., Suite 1000  
Title Regulatory Compliance Specialist Dallas, TX 75206  
Date 01/18/96 Phone ( 214 ) 987-6353

Comments: DALEN Resources was merged into Enserch Exploration, Inc.

NEW OPERATOR

Transfer approved by:

Name Cindy R. Keister Company Enserch Exploration, Inc.  
Signature Cindy R. Keister Address 4849 Greenville Ave., Suite 1200  
Title Regulatory Compliance Specialist Dallas, TX 75206  
Date 01/18/96 Phone ( 214 ) 987-6353

Comments:

(State use only)

Transfer approved by [Signature] Title Enserch Manager

Approval Date 2-13-96

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

FEB 12 1996

IN REPLY REFER TO:  
3100  
U-01470A et al  
UT-923

FEB 09 1996

### NOTICE

Enserch Exploration, Inc.	:	Oil and Gas
4849 Greenville Ave., Suite 1200	:	U-01470A et al
Dallas, Texas 75206-4186	:	

### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral  
Leasing Adjudication

### Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,  
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204  
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
Moab District Office  
Vernal District Office  
Teresa Thompson (UT-920)  
Irene Anderson (UT-923)

### Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)  
West Willow Creek Unit (UTU-73218X)  
Pleasant Valley Unit (UTU-74477X)



# The State of Texas

## SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION  
a Delaware no permit corporation  
with  
ENSERCH EXPLORATION, INC.  
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

Effective December 31, 1995 04:55 PM



1077.

Antonio O. Garza, Jr.  
Secretary of State

**ARTICLES OF MERGER OF  
DALEN Corporation  
INTO  
Enserch Exploration, Inc.**

FILED  
In the Office of the  
Secretary of State of Texas  
  
DEC 19 1995  
  
Corporations Section

Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.
2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

**"WHEREAS** Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

**"WHEREAS** Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

**"RESOLVED**, That DALEN Corporation, a Delaware corporation ('DALEN'), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton  
Name: J. W. Pinkerton  
Title: Vice President and Controller,  
Chief Accounting Officer



# The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE** (No Permit) corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.



*IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.*

*107.*

Antonio O. Garza, Jr.  
Secretary of State

MAC



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO.

U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal

9. WELL NO.

22-8H

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 8, T9S-R17E

1a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☐

DRY ☐

Other WIW

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☒

DEEP-EN ☐

PLUG BACK ☐

DIFF. RESVR ☐

Other

2. NAME OF OPERATOR

DALEN Resources Oil & Gas Co.

3. ADDRESS OF OPERATOR

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. LOCATION OF (Report location clearly and in accordance with any State requirements)\*

At surface

2027' FNL & 2018' FWL SE/4 NW/4 Sec. 8

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

43-013-31457

DATE ISSUED

09/01/94

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

15. DATE SPUDDED

09/13/94

16. DATE T.D. REACHED

09/24/94

17. DATE COMPL. (Ready to prod.)

12/12/95

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5320' RKB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6100'

21. PLUG, BACK T.D., MD & TVD

5408'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

XX

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

4064' - 5126' Green River

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/Spectral Density Dual Spaced Neutron/GR-JB/CBL-GR

27. WAS WELL CORED

Yes

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	352'	12-1/4"	200sx Class "G"	0
5-1/2"	17#	6100'	7-7/8"	300sx Hi-Lift + 550sx Class "G"	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4012'	4012'

31. PERFORATION RECORD (Interval, size and number)

4064' - 4112'

4674' - 4684'

4782' - 4785'

5078' - 5126'

32. ACID, SHOT, FRACTURE, CEMENT

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4064' - 5126'	3% KCl water
5428' - 5440'	Set CIBP @5408'

33.\*

PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
		Shut-In
DATE OF TEST	HOURS TESTED	CHORE SIZE
PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.
WATER--BBL.	GAS-OIL RATIO	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE
OIL--BBL.	GAS--MCF.	WATER--BBL.
OIL GRAVITY-API (CORR.)		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Regulatory Compliance Specialist

DATE

02/01/1996

\*(See Instructions and Spaces For Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
"A" Sand	3944'	4193'	Oil, Natural Gas & Salt Water
DC(4) Sand	4674'	4684'	Oil, Natural Gas & Salt Water
DC(5) Sand	4782'	4785'	Oil, Natural Gas & Salt Water
E(e) Sand	5078'	5126'	Oil, Natural Gas & Salt Water
F(1) Sand	5428'	5440'	Oil, Natural Gas & Salt Water

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
"A" Marker		3944'
"B" Marker		4193'
"C" Marker		4423'
Douglas Creek Marker		4589'
"D" Marker		4829'
"E" Marker		4948'
"F" Marker		5426'
Basal Limestone		5847'
Wasatch		6020'

# FEDERAL 22-8H

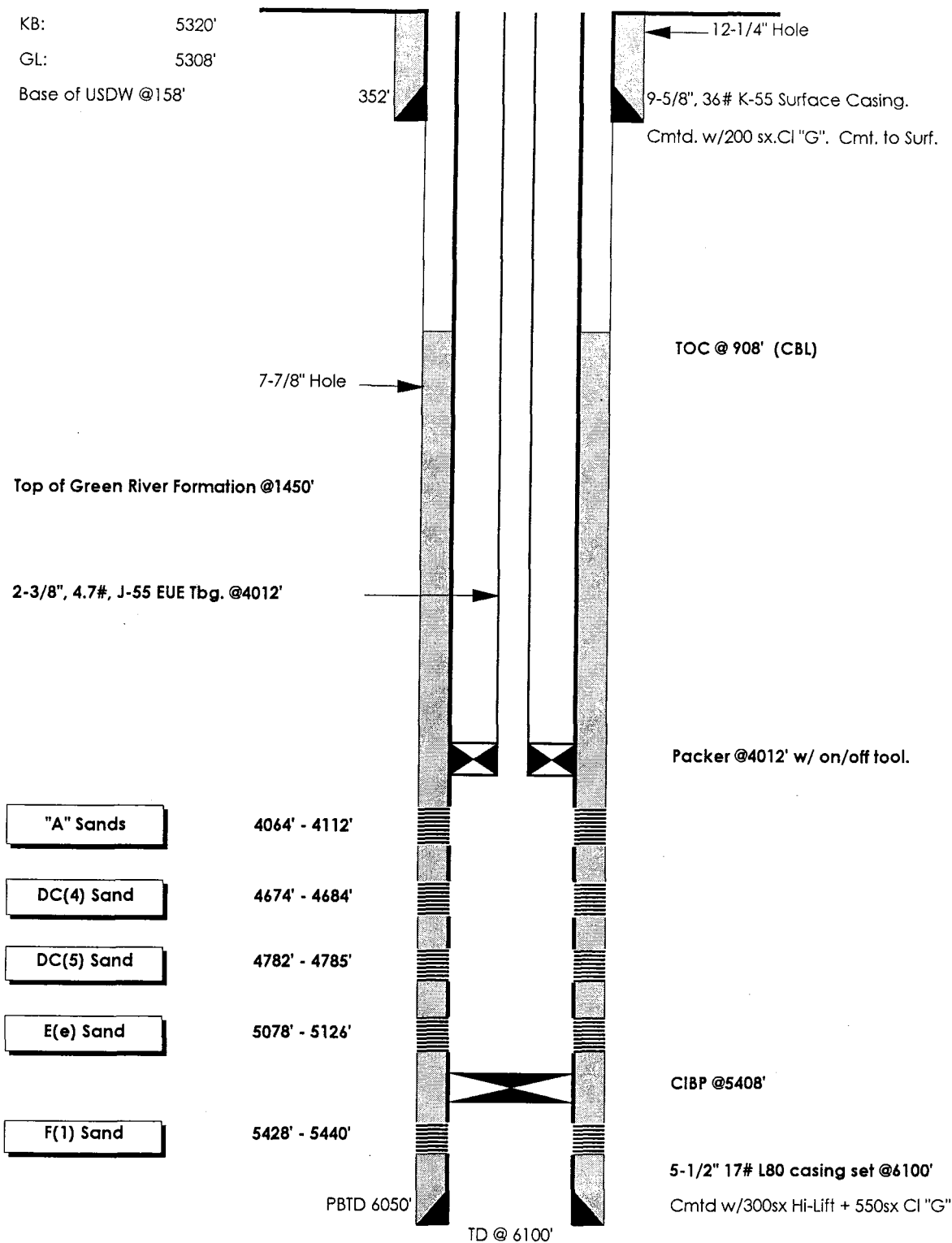
## MONUMENT BUTTE FIELD

Duchesne County, Utah

Spud: 9/13/94  
 TD Date: 9/24/94  
 Compl. Date: 11/4/94  
 Conversion Dt: 12/12/95  
 KB: 5320'  
 GL: 5308'  
 Base of USDW @158'

Sec 8-T9S-R17E  
 2027' FNL & 2018' FWL  
 SE/4 NW/4

WIW



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

(MERGER)

Routing:

1-	LEC / CH
2-	DT337-FILM
3-	VLD-8-FILE
4-	RJF
5-	LEC
6-	SJ

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator)	<u>ENSERCH EXPLORATION INC</u>	FROM (former operator)	<u>DALEN RESOURCES OIL &amp; GAS</u>
(address)	<u>4849 GREENVILLE AVE STE 1200</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>DALLAS TX 75206</u>		<u>DALLAS TX 75206-3922</u>
	<u>CINDY KEISTER</u>		<u>CINDY KEISTER</u>
	phone (214) <u>987-6353</u>		phone (214) <u>987-6353</u>
	account no. <u>N4940 (1-29-96)</u>		account no. <u>N3300</u>

Well(s) (attach additional page if needed):

Name: <b>** SEE ATTACHED **</b>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #171513. *(Ltr # 1-4-95)*
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
6. Cardex file has been updated for each well listed above. *(2-12-96)*
7. Well file labels have been updated for each well listed above. *(2-12-96)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Le 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (~~Fee wells only~~) *Trust Lands / Bond & Lease update in progress!*

- Le 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date                      1994. If yes, division response was made by letter dated                      1994.

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      1994, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- UDR 1. All attachments to this form have been microfilmed. Date: MARCH 13 1994.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

960212 BLM/SL Appr. e.H. 12-31-95.

DALEN Resources  
Oil & Gas Co.



February 15, 1996

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

RE: Pleasant Valley Unit  
WIW Conversions  
Sections 5, 8 & 9, T9S-R19E  
Duchesne County, Utah

Gentlemen:

Attached is an original and two (2) copies of Form 3160-4 "Well Completion or Recompletion Report and Log" and a wellbore diagram reflecting the re-entry of the Federal 42-8H and the conversion to water injection of the other eight (8) wells.

If you have any questions or need further information, please contact the undersigned at 214/987-6353.

Very truly yours,

A handwritten signature in cursive script, reading "Cindy R. Keister".

Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Utah Division Oil, Gas & Mining

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT-for such proposals.

## 1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other (Specify)

WIW

## 2. Name of Operator

Enserch Exploration, Inc.

## 3. Address of Operator

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

## 4. Telephone Number

(214) 987-6353

## 5. Location of Well

Footage : 2027' FNL &amp; 2018' FWL

QQ. Sec. T., R., M. : SE/4 NW/4 Sec. 8, T9S-R17E

County : Duchesne

State : UTAH

## 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

☐ Abandonment

☐ Casing Repair

☐ Change of Plans

☐ Conversion to Injection

☐ Fracture Treat

☐ Multiple Completion

☐ Other

☐ New Construction

☐ Pull or Alter Casing

☐ Recompletion

☐ Shoot or Acidize

☐ Vent or Flare

☐ Water Shut-Off

SUBSEQUENT REPORT  
(Submit in Duplicate)

☐ Abandonment \*

☐ Casing Repair

☐ Change of Plans

☐ Conversion to Injection

☐ Fracture Test

☒ Other First Injection
☐ New Construction

☐ Pull or Alter Casing

☐ Shoot or Acidize

☐ Vent or Flare

☐ Water Shut-Off
Date of Work Completion 03/09/96

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

Approximate Date Work Will Start \_\_\_\_\_

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

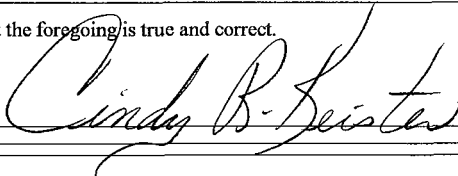
Enserch Exploration began injecting water on March 9, 1996 at an initial rate of 370 BWPd. We plan to increase the injection rate to approximately 500 BWPd.

APR - 8 1996

DIV OF OIL, GAS &amp; MINING

## 14. I hereby certify that the foregoing is true and correct.

Name &amp; Signature


Title Regulatory Compliance SpecialistDate 04/01/1996

(State Use Only)

CC: BLM - Vernal, Ut

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
COASTAL OIL	43-013-30337	G. HANSON #2	02S	03W	4	INJD	Y
COASTAL OIL	43-013-30038	2-23B4 LAKE	02S	04W	23	INJD	Y
COASTAL OIL	43-013-30371	L RUSSELL 2-	02S	04W	32	INJD	Y
COASTAL OIL	43-013-30391	EHRICH 2-11B	02S	05W	11	INJD	Y
COASTAL OIL	43-013-30340	LDS CHURCH #	02S	05W	27	INJD	Y
COASTAL OIL	43-047-31996	NBU 159	09S	21E	35	INJD	Y
COCHRANE RES	43-037-30815	3-23	38S	25E	23	INJW	N
COCHRANE RES	43-037-30690	1-25	38S	25E	25	INJW	N
COCHRANE RES	43-037-31145	4-25	38S	25E	25	INJW	N
COCHRANE RES	43-037-31761	WDW 1	38S	25E	25	INJD	N
COCHRANE RES	43-037-30762	3-26	38S	25E	26	INJW	N
CROSS CREEK	43-037-16269	SOUTH ISMAY	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20117	NAVAJO A #1	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20164	NAVAJO A #3	41S	26E	5	INJI	Y
✓ENSERCH EXPL	43-013-31229	FEDERAL 14-3	08S	16E	33	INJW	U-49092 N
✓ENSERCH EXPL	43-013-31240	FEDERAL 43-3	08S	16E	33	INJW	U-49092 N
✓ENSERCH EXPL	43-013-31269	FEDERAL 34-3	08S	16E	33	INJW	U-49092 N
✓ENSERCH EXPL	43-013-31225	FEDERAL 14-3	08S	16E	34	INJW	U-47171 N
✓ENSERCH EXPL	43-013-31272	FEDERAL 21-4	09S	16E	4	INJW	U-30096 N
✓ENSERCH EXPL	43-013-31205	FEDERAL 41-5	09S	16E	5	INJW	U-30096 N
✓ENSERCH EXPL	43-013-30670	FEDERAL 32-5	09S	16E	5	INJW	U-30096 N
✓ENSERCH EXPL	✓43-013-30913	44-5H	09S	17E	5	INJW	U-020252 N
✓ENSERCH EXPL	✓43-013-30678	42-8H	09S	17E	8	INJW	U-10760 N
✓ENSERCH EXPL	✓43-013-31457	22-8H	09S	17E	8	INJW	U-10760 N
✓ENSERCH EXPL	✓43-013-30679	31-8H	09S	17E	8	INJW	U-10760 N
✓ENSERCH EXPL	✓43-013-31049	22-9H	09S	17E	9	INJW	U-50750 N
✓ENSERCH EXPL	✓43-013-30887	11-9H	09S	17E	9	INJW	U-50750 N
✓ENSERCH EXPL	✓43-013-31108	33-9H	09S	17E	9	INJW	U-61052 N
✓ENSERCH EXPL	✓43-013-30682	24-9H	09S	17E	9	INJW	U-50750 N
✓ENSERCH EXPL	✓43-013-30656	13-9H	09S	17E	9	INJW	U-37810 N
EQUITABLE RE	43-013-31364	FEDERAL 42-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31361	FEDERAL 33-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-15779	FEDERAL 1-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31362	FEDERAL 11-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30919	FEDERAL 22-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31363	FEDERAL 24-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30918	FEDERAL 13-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-047-15681	PARIETTE BEN	09S	19E	7	INJD	Y
EQUITABLE RE	43-013-30735	FEDERAL 1-33	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30702	FEDERAL 1-13	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30701	1-24	09S	16E	1	INJW	N
EQUITABLE RE	43-013-31404	42-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-31415	44-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31419	32-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N

Ent:ly #'s

02044

06080

11675

06075

10065

06058

10674

06175

06185



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2027' FNL & 2018' FWL

SE/4 NW/4 Section 8, T9S-R17E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 22-8H

9. API Well No.

43-013-31457

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

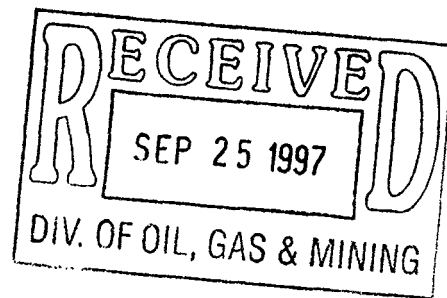
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed

Title Attorney-In-Fact

Date 08/14/1997

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different  
reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ENSERCH EXPLORATION INC.

3. Address and Telephone No.

4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2027' FNL & 2018' FWL  
SE/4 NW/4 Section 8, T9S-R17E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 22-8H

9. API Well No.

43-013-31457

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

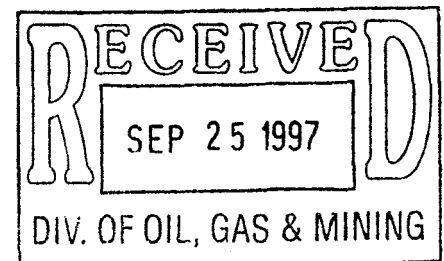
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Enserch Exploration Inc. has sold its interest in the PVU #22-8H Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

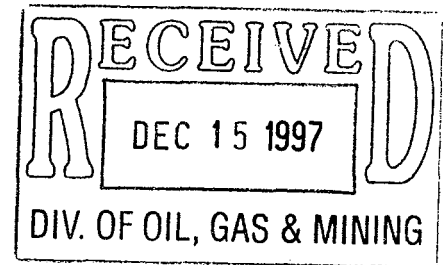
UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

December 11, 1997



Bureau of Land Management  
P. O. Box 145801  
Salt Lake City, UT 84114-5801



RE: Transfer of Authority to Inject (State of Utah, UTC Form 5)

Gentlemen:

Enclosed in triplicate are the Transfer of Authority to Inject from Enserch Exploration, Inc. unto Inland Production Company.

Upon approval of said Transfer, please return to this office two approved copies of the Transfer, in the enclosed stamped, self-addressed envelope.

If further information is required, please do not hesitate to contact me at the number listed below. Thank you for your assistance in this matter.

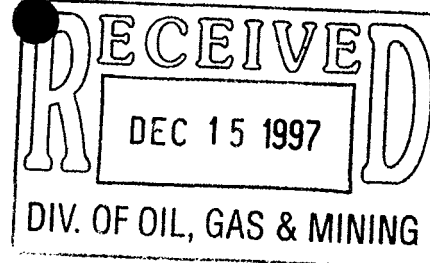
Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau  
Lease Analyst

/pb  
encls.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING



TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attached \*PLEASANT VALLEY (GREEN RIVER) UNIT  
Field or Unit name: See Attached API no. See Attached  
Well location: QQ      section      township      range      county       
Effective Date of Transfer: See Attached

CURRENT OPERATOR

Transfer approved by:

Name DAVID R. HENDERSON Company Enserch Exploration, Inc.  
Signature *David R. Henderson* Address 4849 Greenville Ave., 1200  
Title Executive Vice President and Dallas, Texas 75206-4186  
Chief Operating Officer  
Date 11/13/97 off 3/31/97 Phone ( 214 ) 369-7893

Comments:

NEW OPERATOR

Transfer approved by:

Name CHRIS A. POTTER Company Inland Production Company  
Signature *Chris A. Potter* Address 475 17th Street, Suite 1500  
Title Attorney-in-Fact Denver, Colorado 80202  
Date 11/24/97 Phone ( 303 ) 292-0900

Comments:

(State use only)

Transfer approved by *[Signature]* Title Environ. Manager  
Approval Date 1-26-98 Case # 234-1

# Injection Wells Formerly Operated by EEX

LEASE	TWP	RGE	SEC	QTR	QTR	COUNTY	STATE	FIELD	API	LEASENUM
ALLEN FED #44-5	09S	17E	5	SE/SE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330913	U-020252
FED #11-9H	09S	17E	9	NW/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330887	U-50750
FED #22-8H	09S	17E	8	SE/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331457	U-10760
FED #33-9H	09S	17E	9	NW/SE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331108	U-61052
FED NGC #22-9H	09S	17E	9	SE/NW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301331049	U-50750
PLSNT VLY #31-8H	09S	17E	8	NW/NE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330679	U-10760
PLSNT VLY #42-8H	09S	17E	8	SE/NE		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330678	U-10760
PLSNT VLY FD #13-9H	09S	17E	9	NW/SW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330656	U-37810
PLSNT VLY FD #24-9H	09S	17E	9	SE/SW		DUCHESNE	UT	PLEASANT VALLEY UNIT	4301330682	U-50750
NGC FED 32-5G	09S	16E	5	SW/NE		DUCHESNE	UT	WELLS DRAW UT	4301330670	U-30096
WD FED 14-33-B	08S	16E	33	SW/SW		DUCHESNE	UT	WELLS DRAW UT	4301331229	U-49092
WD FED 14-34-B	08S	16E	34	NW/SW		DUCHESNE	UT	WELLS DRAW UT	4301331225	U-47171
WD FED 21-4-G	09S	16E	4	NE/NW		DUCHESNE	UT	WELLS DRAW UT	4301331272	U-30096
WD FED 34-33-B	08S	16E	33	SW/SE		DUCHESNE	UT	WELLS DRAW UT	4301331269	U-49092
WD FED 41-5-G	09S	16E	5	NE/NE		DUCHESNE	UT	WELLS DRAW UT	4301331205	U-30096
WD FED 43-33-B	08S	16E	33	NE/SE		DUCHESNE	UT	WELLS DRAW UT	4301331240	U-49092

2044  
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(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other
**WIW**

## 2. Name of Operator

**INLAND PRODUCTION COMPANY**

## 3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

## 4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**2027 FNL 2018 FWL****SE/NW Section 8, T09S R17E**

## 5. Lease Designation and Serial No.

**U-10760**

## 6. If Indian, Allottee or Tribe Name

**NA**

## 7. If Unit or CA, Agreement Designation

**NA**

## 8. Well Name and No.

**FEDERAL 22-8H**

## 9. API Well No.

**43-013-31457**

## 10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

## 11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other **MIT**
☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

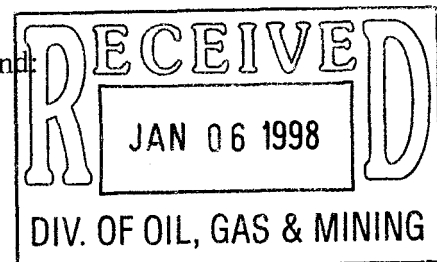
## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A mechanical integrity test was performed on the above referenced well on 12-10-97 for one hour, following well re-work operations. Please refer to the following attachments:

1. "Daily Workover Report"
2. "Step Rate Record"
3. Copy of chart

The following people were notified prior to the MIT, but did not attend:

1. Mr. John Carson, EPA
2. Mr. Dan Jarvis, DOGM
3. Mr. Wayne Bankert, BLM



## 14. I hereby certify that the foregoing is true and correct

Signed

Title

**Senior Reservoir Engineer**

Date

**12/30/97**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## Daily Workover Report

### PLEASANT VALLEY 22-8H

SE/NW Sec. 8, 9S, 17E

Duchesne Co., Utah

API # 43-013-31457

Spud Date: 9/13/94

TD: 6100'

WO rig:

#### 12/9/97 PO: TIH w/Pkr. (Day 1)

Summary: 12/8/97 - MIRUSU. ND wellhead. Release pkr. NU BOP. POOH w/tbg, breaking & doping each connection w/Liquid O Ring. SDFN.

DC: \$6,316 TWC: \$6,316

#### 12/10/97 PO: Csg integrity. (Day 2)

Summary: 12/9/97 - HO BOP. TIH w/Halliburton Arrow Set I, SN, 127 - 2-3/8" jts tbg. (Torque each connection.) ND BOP. Displace csg w/pkr fluid. Set pkr @ 4013' in 13,000 tension. NU wellhead. Pressure csg to 1000 psi. RDSUMOL. Prepare to inject.

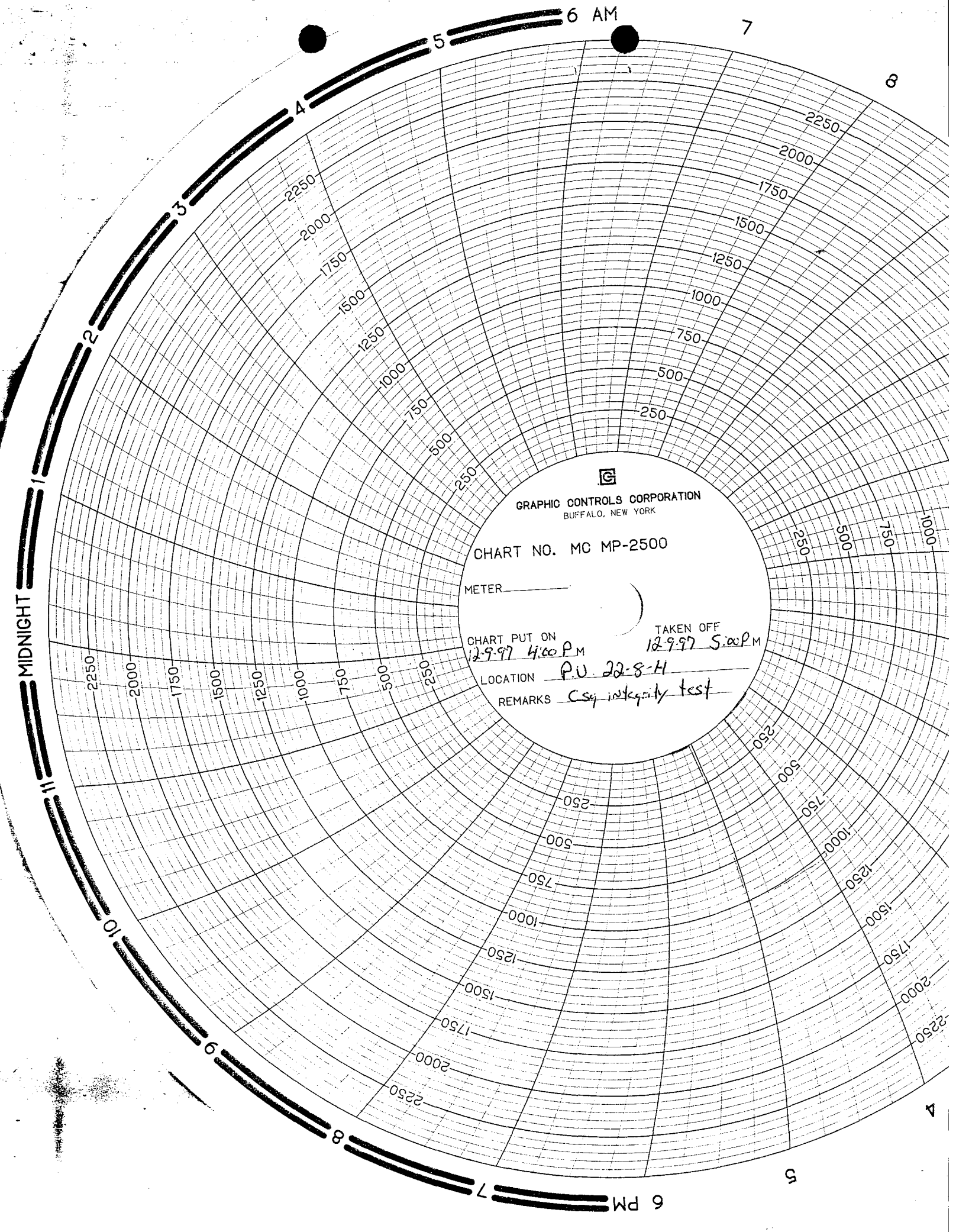
DC: \$4,842 TWC: \$11,158

**STEP RATE RECORD**  
**Mechanical Integrity Test**  
**12-10-97**

**Pleasant Valley Federal #22-8H**  
**SENW Sec 8-T9S-R17E**  
**Duchesne County, Utah**

<b>0</b>	<b>Min</b>	<b>1000 psig</b>
<b>5</b>	<b>Min</b>	<b>1000 psig</b>
<b>10</b>	<b>Min</b>	<b>1000 psig</b>
<b>15</b>	<b>Min</b>	<b>1000 psig</b>
<b>20</b>	<b>Min</b>	<b>1000 psig</b>
<b>25</b>	<b>Min</b>	<b>1000 psig</b>
<b>30</b>	<b>Min</b>	<b>1000 psig</b>
<b>35</b>	<b>Min</b>	<b>1000 psig</b>
<b>40</b>	<b>Min</b>	<b>1000 psig</b>
<b>45</b>	<b>Min</b>	<b>1000 psig</b>
<b>50</b>	<b>Min</b>	<b>1000 psig</b>
<b>55</b>	<b>Min</b>	<b>1000 psig</b>
<b>60</b>	<b>Min</b>	<b>1000 psig</b>





GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK

CHART NO. MC MP-2500

METER \_\_\_\_\_

CHART PUT ON  
12-9-97 4:00 PM

TAKEN OFF  
12-9-97 5:00 PM

LOCATION PU 22-8-H

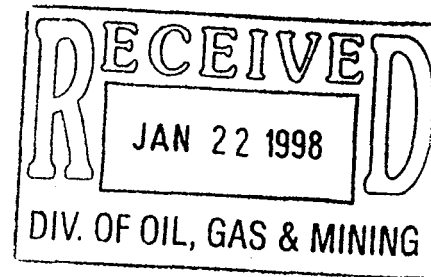
REMARKS CSq integrity test



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
UT-931

January 15, 1998

Inland Production Company  
475 17th Street, Suite 1500  
Denver, Colorado 80202

Re: Pleasant Valley (Green River) Unit  
Duchesne County, Utah

Gentlemen:

*Enserch Expl. Inc. / BLM mailing correction 1-22-98.*  
On January 14, 1998, we received an indenture dated September 1, 1997, whereby ~~Equitable Resources Energy Company~~ resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Pleasant Valley (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 15, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Pleasant Valley (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Pleasant Valley (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
~~Division of Oil, Gas & Mining~~  
Minerals Adjudication Group U-932  
File - Pleasant Valley (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-931:TAThompson:tt:1/15/98

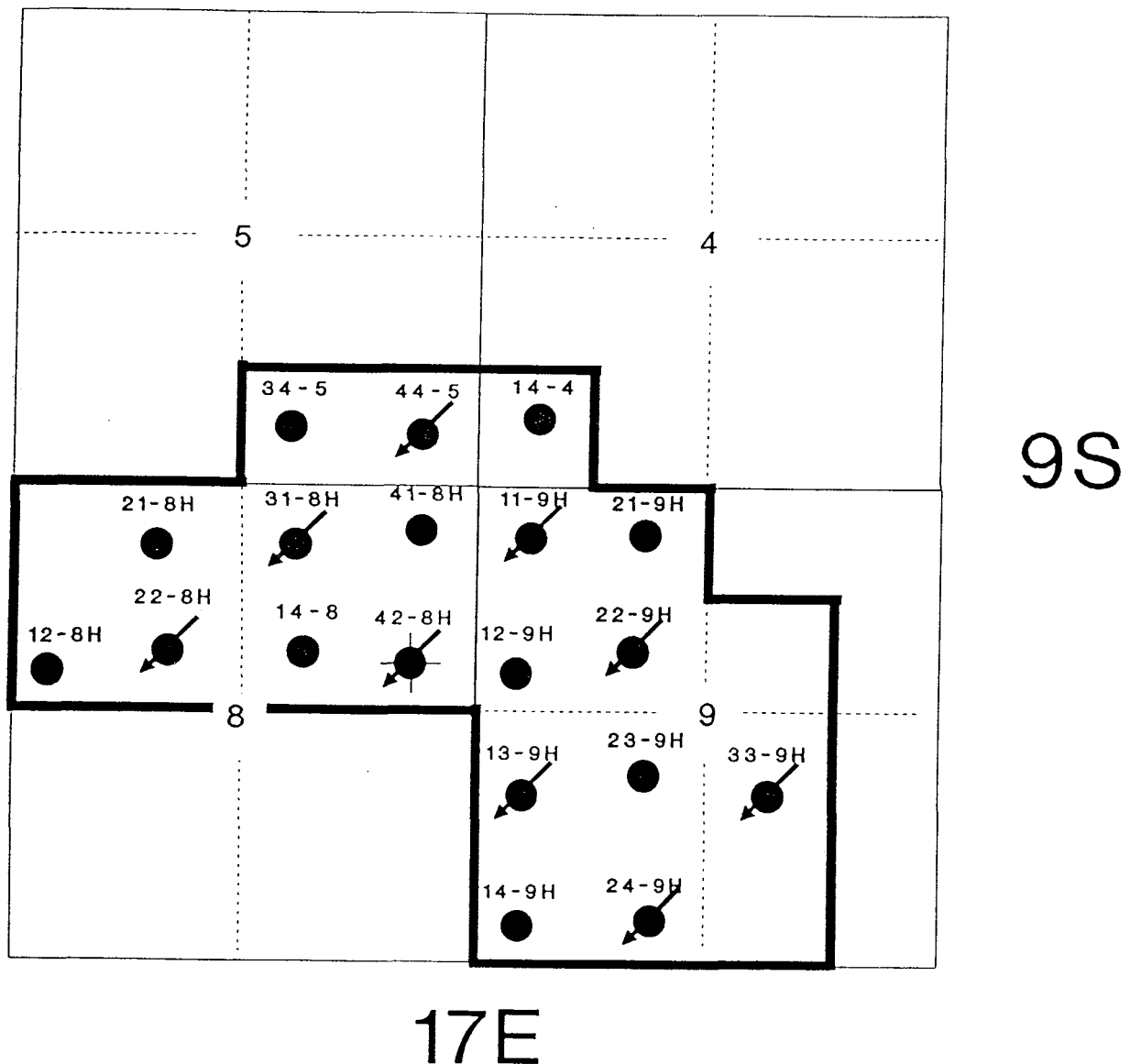
Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU74477X								
UTU50750	4301330887	11-9-H FEDERAL	NWNW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU10760	4301330680	12-8-H FEDERAL-NGC	SWNW	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330983	12-9-H FEDERAL	SWNW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330656	13-9H FEDERAL	NWSW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU7978	4301330671	14-4 PIUTE-FEDERAL	SWSW	4	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330542	14-8 POMCO	SWNE	8	T 9S	R17E	OSI	ENSERCH EXPLORATION INC
UTU50750	4301331459	14-9H	SWSW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301331460	21-8H	NENW	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301331458	21-9H	NENW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301331457	22-8H	SENW	8	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU50750	4301331049	22-9H FEDERAL NGC	SENW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU50750	4301331206	23-9-H FEDERAL	NESW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330682	24-9-H FEDERAL-NGC	SESW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU10760	4301330679	31-8-H NGC	NWNE	8	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU61052	4301331108	33-9H FEDERAL	NWSE	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU72108	4301330721	34-5 ALLEN-FEDERAL	SWSE	5	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330741	41-8-H NGC-FEDERAL	NENE	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330678	42-8-H NGC	SENE	8	T 9S	R17E	ABD	ENSERCH EXPLORATION INC
UTU72108	4301330913	44-5 ALLEN FEDERAL	SESE	5	T 9S	R17E	WIW	ENSERCH EXPLORATION INC

# PLEASANT VALLEY (GR) UNIT

## Duchesne County, Utah

EFFECTIVE: SEPTEMBER 1, 1995



— UNIT OUTLINE (UTU74477X)

880.00 ACRES

SECONDARY  
ALLOCATION  
FEDERAL 100.00%

INLAND PRODUCTION COMPANY  
PLEASANT VALLEY (GRRV) UNIT  
(N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
01215	12277	43-013-30671	14-4H	04-09S-17E	09-01-97
02041	"	43-013-30721	34-5H	05-09S-17E	"
06057	"	43-013-30542	32-8H	08-09S-17E	"
06085	"	43-013-30741	41-8H	08-09S-17E	"
06140	"	43-013-30680	12-8H	08-09S-17E	"
09830	"	43-013-30983	12-9-H	09-09S-17E	"
10868	"	43-013-31206	23-9-H	09-09S-17E	"
11676	"	43-013-31458	21-9H	09-09S-17E	"
11677	"	43-013-31459	14-9H	09-09S-17E	"
11687	"	43-013-31460	21-8H	08-09S-17E	"
02044	"	43-013-30913	44-5	05-09S-17E	"
06058	"	43-013-30887	11-9H	09-09S-17E	"
11675	"	43-013-31457	22-8H	08-09S-17E	"
10674	"	43-013-31108	33-9H	09-09S-17E	"
10065	"	43-013-31049	22-9H	09-09S-17E	"
06075	"	43-013-30679	31-8H	08-09S-17E	"
06080	"	43-013-30678	42-8H	08-09S-17E	"
06185	"	43-013-30656	13-9H	09-09S-17E	"
06175	"	43-013-30682	24-9H	09-09S-17E	"

**OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing:	
1-LHC	6-LHC
2-GLH	7-KAS
3-DPS	8-SI
4-VLD	9-FILE
5-JBB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 8-16-97

TO: (new operator) INLAND PRODUCTION COMPANY  
 (address) PO BOX 1446  
ROOSEVELT UT 84066

Phone: (801) 722-5103Account no. N5160

FROM: (old operator)

(address)

ENSERCH EXPLORATION INC6688 N CENTRAL EXP #1000DALLAS TX 75206-3922Phone: (214) 987-7859Account no. N4940

WELL(S) attach additional page if needed:

**\*PLEASANT VALLEY (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-31457</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 9-25-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 9-25-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-22-98) KUC Queatro Pro & DBASE 1-22-98.*
- lec 6. **Cardex** file has been updated for each well listed above. *(1-22-98)*
- lec 7. Well **file labels** have been updated for each well listed above. *(1-22-98)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-22-98)*
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

## ENTITY REVIEW

- lec 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*\* Operator req. that numbers remain as is until further notice. (1-22-98/Kebbie)*
- N/A lec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.  
*\* All wells to entity 12277 1-30-98 eff. 9-1-97; opn. req. E. reviews.*

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A lec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_\_ 2. A **copy of this form** has been placed in the new and former operator's bond files.
- \_\_\_\_ 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) \_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.  
*5 1/27/98*
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_\_\_, of their responsibility to notify all interest owners of this change.

## FILMING

- N/A 1. All attachments to this form have been **microfilmed**. Today's date: 3.2.98

## FILING

- \_\_\_\_ 1. **Copies** of all attachments to this form have been filed in each **well file**.
- \_\_\_\_ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

## COMMENTS

980122 BLM/SL Aprv. eff. 1-15-98.



October 20, 1999

State of Utah  
Division of Oil, Gas & Mining  
Attn: Dan Jarvis  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Step-Rate Test  
Pleasant Valley #22-8H

Dear Dan:

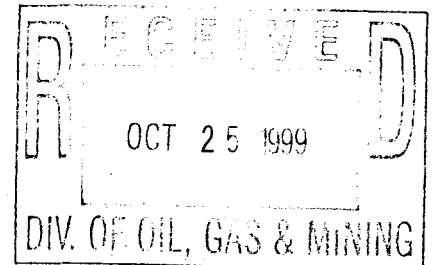
Please find enclosed Step-Rate Tests (SRT) results on the Pleasant Valley #22-8H injection well in the Pleasant Valley Unit. Inland Production Company conducted the SRT on October 7, 1999. Due to the results of the SRT Inland is requesting a change in the maximum allowable injection pressure to 1875 psi for this well.

Thank you for your assistance. If you have any questions or need further information, please call me at (435) 646-3721.

Sincerely,

Brad Mecham  
Operations Manager

/bm





May 5, 1987

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

# 1. SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT--" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

DIV. OF OIL, GAS & MINING

OIL ☐ GAS ☐  
WELL ☐ WELL ☐ OTHER ☒ Injection well

7. UNIT AGREEMENT NAME

Pleasant Valley Unit

2. NAME OF OPERATOR

INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME

Federal

3. ADDRESS OF OPERATOR

Route #3 Box 3630 Myton, Utah 84052  
(435) 646-3721

9. WELL NO.

22-8H

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)

At surface

2027' FNL & 2018' FWL SE/NW sec 8

10. FIELD AND POOL, OR WILDCAT

Pleasant Valley Unit

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec 8 T9S R17E

14. API NUMBER

43-013-31457

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5320' KB

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐  
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐  
SHOOT OR ACIDIZE ☐ ABANDON\* ☐  
REPAIR WELL ☐  
(OTHER) ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐  
FRACTURE TREATMENT ☐ ALTERING CASING ☐  
SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☐  
(OTHER) Step-Rate Test ☒

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On September 16, 1999 Inland Production Company conducted a Step-Rate Test (SRT) on the Pleasant Valley 22-8H injection well in the Pleasant Valley Unit. Due to the results of the SRT Inland is requesting approval to change our Maximum Allowable Injection Pressure to 1,875 psi on this well.

(6. 2000)

COPY SENT TO OPERATOR  
Date: 10-28-99  
Initials: CHD

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10/27/99  
By: Brad Mechem

18 I hereby certify that the foregoing is true and correct

SIGNED

Brad Mechem

TITLE

Operations Manager

10/22/99

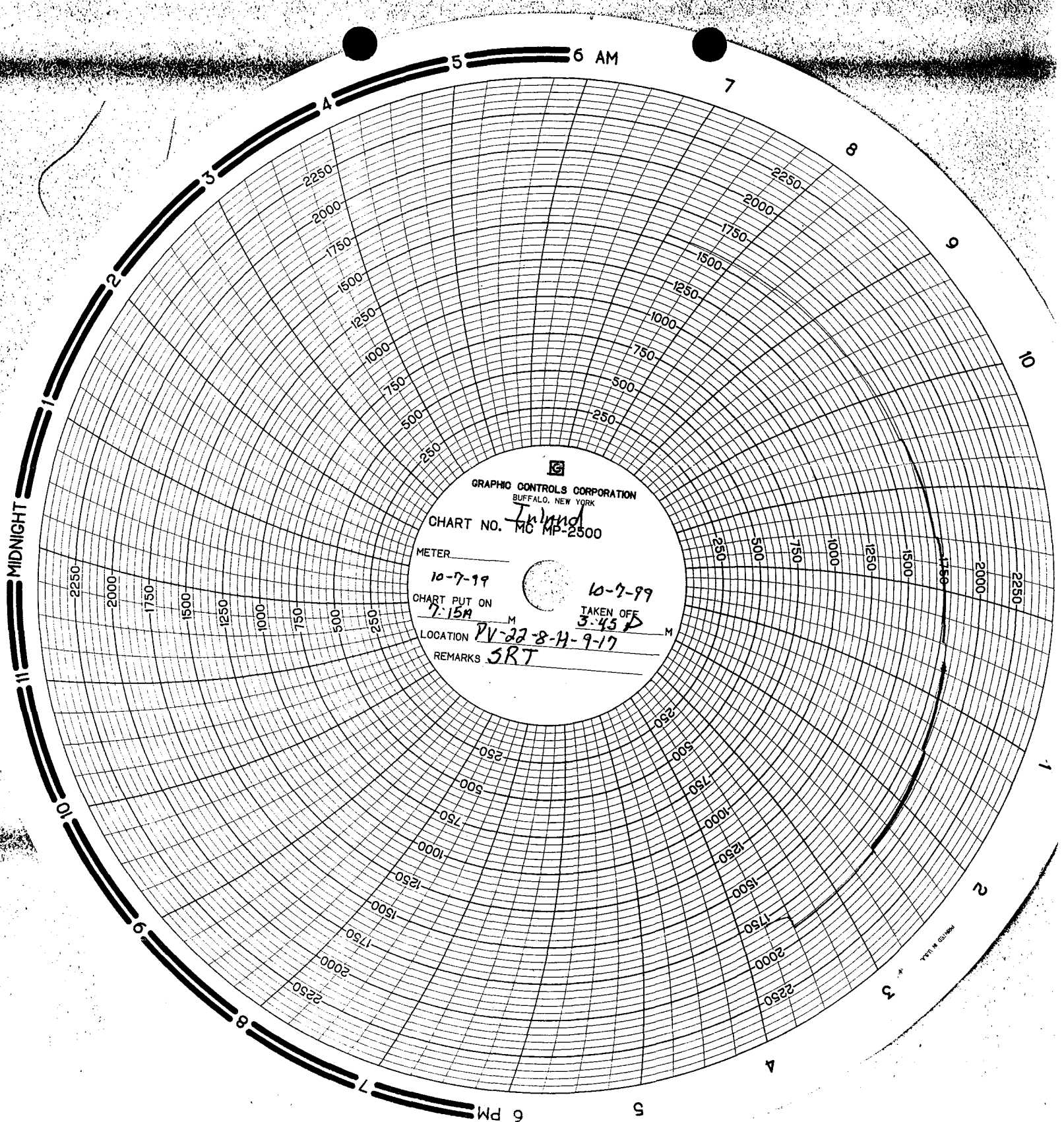
(This space for Federal or State office use)

APPROVED BY

TITLE

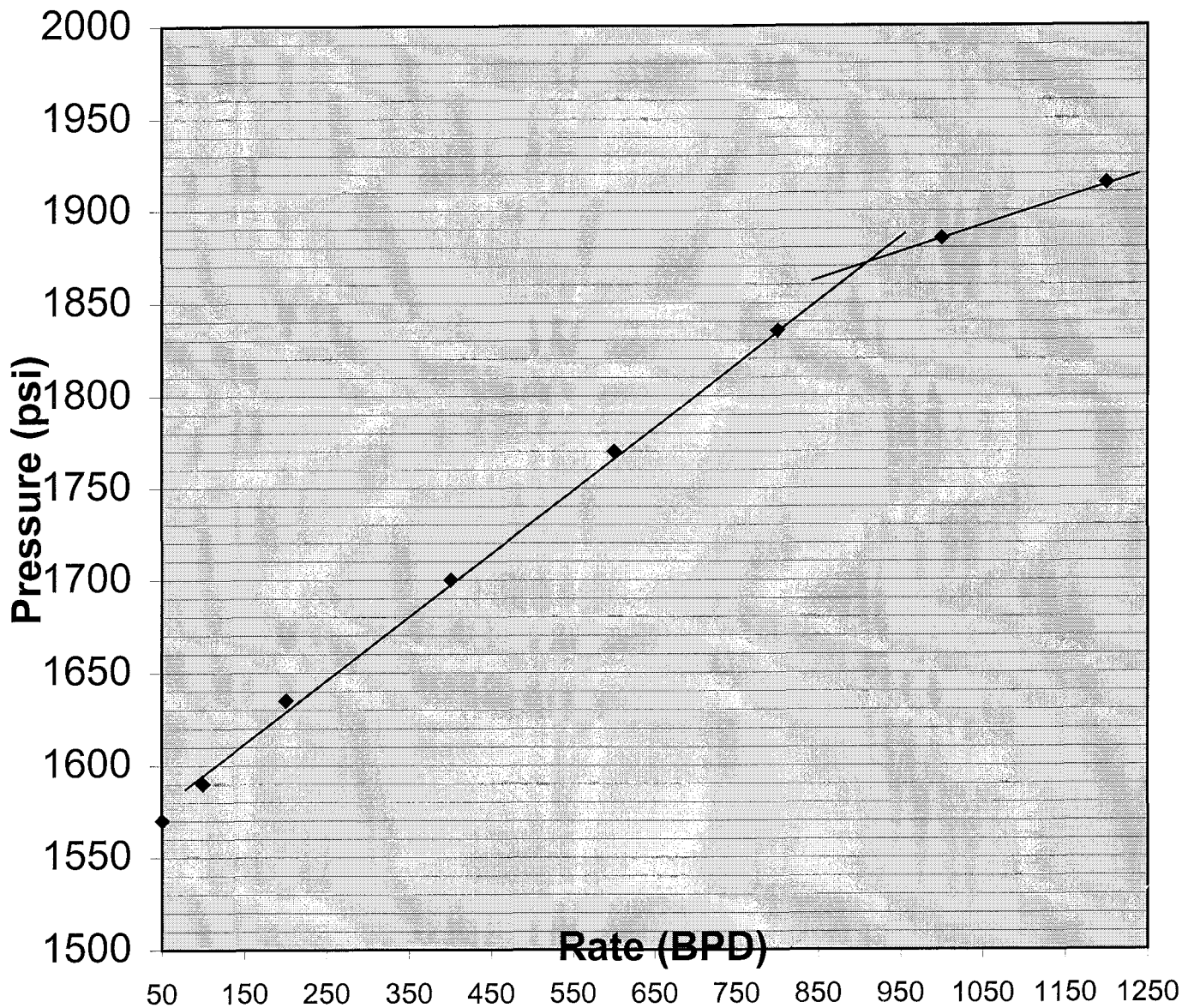
DATE

CONDITIONS OF APPROVAL, IF ANY:



RECEIVED  
OCT 25 1999  
DIV. OF OIL, GAS & MINING

**PV 22-8H**  
**(Pleasant Valley Unit)**  
**Step Rate Test**  
**October 7, 1999**



**ISIP: 1830 psi**

**Fracture pressure: 1875 psi**

**FG: 0.897**

Step	Rate(bpd)	Pressure(psi)
1	50	1570
2	100	1590
3	200	1635
4	400	1700
5	600	1770
6	800	1835
7	1000	1885
8	1200	1915

PV 22-8H  
 OCT 7 1999  
 10:00 AM  
 1000 PSI, 1200 BPD



**RECEIVED**

**NOV 27 2002**

**DIVISION OF  
OIL, GAS AND MINING**

November 26, 2002

Mr. Dan Jarvis  
State of Utah, DOGM  
1594 West North Temple – Suite 1310  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: 5 Year MIT  
Federal 22-8H-9-17  
Sec. 8, T9S, R17E  
API # 43-013- 31457

Dear Mr. Dan Jarvis:

A 5-year MIT was conducted on the subject well. Attached are the sundry, a copy of the tabular sheet and chart. If you have any questions please let me know.

Sincerely,

Krisha Russell  
Production Clerk

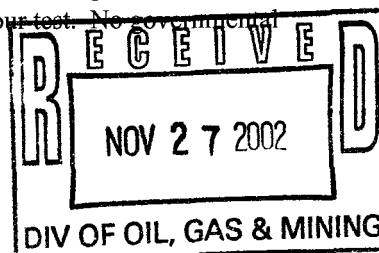
STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

1. <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <b>U-10760</b>	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <b>N/A</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		7. UNIT AGREEMENT NAME <b>PLEASANT VALLEY</b>	
3. ADDRESS OF OPERATOR <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b>		8. FARM OR LEASE NAME <b>FEDERAL 22-8H</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SE/NW Section 8, T9S R17E 2027 FNL 2013 FWL</b>		9. WELL NO. <b>FEDERAL 22-8H</b>	
		10. FIELD AND POOL, OR WILDCAT <b>MONUMENT BUTTE</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SE/NW Section 8, T9S R17E</b>	
14. API NUMBER <b>43-013-31457</b>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5320 KB</b>	12. COUNTY OR PARISH <b>DUCHESNE</b>	13. STATE <b>UT</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> <b>5 Year MIT</b>	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A 5 year MIT was conducted on the subject well. On 11/19/02 Mr. Al Craver w/EPA and Mr. Dennis Ingram w/State DOGM was contacted of the intent to conduct a MIT on the casing. On 11/21/02 the casing was pressured to 1065 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.



18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 11/26/02  
Krishna Russell

cc: BLM  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 11 / 21 / 02  
Test conducted by: REET HENRIE  
Others present: \_\_\_\_\_

Well Name: <u>PLEASANT VALLEY 22-8H</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>PLEASANT VALLEY UNIT</u>		
Location: <u>SE/NW</u> Sec: <u>8</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>DUCHESSNE</u> State: <u>UT</u>		
Operator: <u>INLAND RESOURCES</u>		
Last MIT: <u>12 / 10 / 99</u> Maximum Allowable Pressure: <u>1875</u> PSIG		

Is this a regularly scheduled test? ☒ Yes ☐ No

Initial test for permit? ☐ Yes ☒ No

Test after well rework? ☐ Yes ☒ No

Well injecting during test? ☒ Yes ☐ No If Yes, rate: 110 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>				
Initial Pressure	<u>1700</u> psig		psig	psig
End of test pressure	<u>1700</u> psig		psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>				
0 minutes	<u>1065</u> psig		psig	psig
5 minutes	<u>1065</u> psig		psig	psig
10 minutes	<u>1065</u> psig		psig	psig
15 minutes	<u>1070</u> psig		psig	psig
20 minutes	<u>1070</u> psig		psig	psig
25 minutes	<u>1070</u> psig		psig	psig
30 minutes	<u>1070</u> psig		psig	psig
minutes	psig		psig	psig
minutes	psig		psig	psig
minutes	psig		psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_

## OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Do you agree with the reported test results?     ☐ YES     ☐ NO

If not, why? \_\_\_\_\_

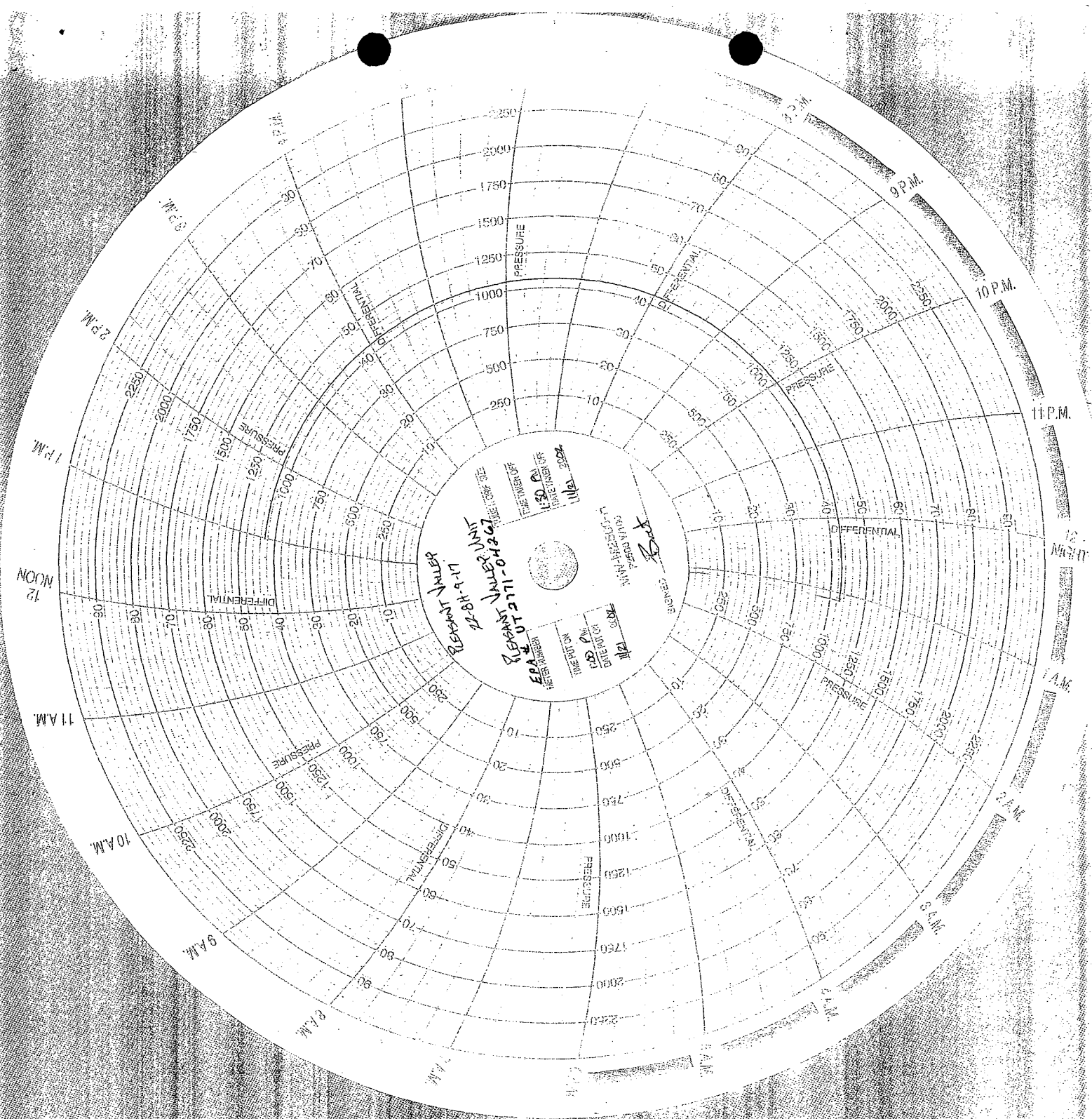
Possible violation identified? ☐ YES ☐ NO

If YES, what \_\_\_\_\_

If YES - followup initiated? ☐ YES

☐ NO - why not? \_\_\_\_\_









# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

<b>UTSL-</b>	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
<b>UTU-</b>	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

## TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well Footage : _____ County : _____ QQ, Section, Township, Range: _____ State : UTAH		Field or Unit Name See Attached List Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 9/1/2004

## CURRENT OPERATOR

Company: Inland Production Company  
Address: 1401 17th Street Suite 1000  
city Denver state Co zip 80202  
Phone: (303) 893-0102  
Comments:

Name: Brian Harris  
Signature: *Brian Harris*  
Title: Engineering Tech.  
Date: 9/15/2004

## NEW OPERATOR

Company: Newfield Production Company  
Address: 1401 17th Street Suite 1000  
city Denver state Co zip 80202  
Phone: \_\_\_\_\_  
Comments:

Name: Brian Harris  
Signature: *Brian Harris*  
Title: Engineering Tech.  
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*  
Title: *Perk. Services Manager*

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED  
SEP 20 2004  
DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****PLEASANT VALLEY (GR)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 14-4H	04	090S	170E	4301330671	12277	Federal	OW	P
FEDERAL 34-5H	05	090S	170E	4301330721	12277	Federal	OW	P
FEDERAL 44-5H	05	090S	170E	4301330913	12277	Federal	WI	A
FEDERAL 32-8H	08	090S	170E	4301330542	12277	Federal	OW	P
FEDERAL 42-8H	08	090S	170E	4301330678	12277	Federal	WI	A
FED NGC 31-8H	08	090S	170E	4301330679	12277	Federal	WI	A
NGC 12-8H FED	08	090S	170E	4301330680	12277	Federal	OW	P
NGC 41-8H	08	090S	170E	4301330741	12277	Federal	OW	P
FEDERAL 22-8H	08	090S	170E	4301331457	12277	Federal	WI	A
FEDERAL 21-8H	08	090S	170E	4301331460	12277	Federal	OW	P
PVU 4-8-9-17	08	090S	170E	4301332273	12277	Federal	OW	P
FEDERAL 13-9H	09	090S	170E	4301330656	12277	Federal	WI	A
NGC 24-9H FED	09	090S	170E	4301330682	12277	Federal	WI	A
FEDERAL 11-9-H	09	090S	170E	4301330887	12277	Federal	WI	A
FEDERAL 12-9-H	09	090S	170E	4301330983	12277	Federal	OW	P
FEDERAL NGC 22-9-H	09	090S	170E	4301331049	12277	Federal	WI	A
FEDERAL 33-9H	09	090S	170E	4301331108	12277	Federal	WI	A
FEDERAL 23-9-H	09	090S	170E	4301331206	12277	Federal	OW	P
FEDERAL 21-9H	09	090S	170E	4301331458	12277	Federal	OW	P
FEDERAL 14-9H	09	090S	170E	4301331459	12277	Federal	OW	P
PLEASANT VALLEY 7-9-9-17	09	090S	170E	4301332076	12277	Federal	OW	P
PLEASANT VALLEY 15-9-9-17	09	090S	170E	4301332135	12277	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-10760

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 2027 FNL 2018 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 8, T9S, R17E

STATE: UT

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
7. UNIT or CA AGREEMENT NAME:  
PLEASANT VALLEY UNIT

8. WELL NAME and NUMBER:  
FEDERAL 22-8H

9. API NUMBER:  
4301331457

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  11/15/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 11/8/07 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 11/15/07. On 11/15/07 the casing was pressured up to 1320 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1820 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT 20771-04267 API# 43-013-31457

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

NAME (PLEASE PRINT) Callie Ross

TITLE Production Clerk

SIGNATURE *Callie Ross*

DATE 11/19/2007

(This space for State use only)

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NOV 20 2007  
DIV. OF OIL, GAS & MINING**



# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 11/15/07  
Test conducted by: Barnard Sander  
Others present: \_\_\_\_\_

Well Name: <u>Pleasant Valley 22-3H-912-Fed.</u>		Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT BUTTE</u>			
Location: <u>SE1NW</u> Sec: <u>8</u> T <u>9</u> N <u>10</u> R <u>17</u> W County: <u>Duchesne</u> State: <u>UT</u>			
Operator: <u>Barnard Sander</u>			
Last MIT: <u>1</u> / <u>1</u>		Maximum Allowable Pressure: <u>1875</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No  
Initial test for permit? ☐ Yes ☒ No  
Test after well rework? ☐ Yes ☒ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 psig

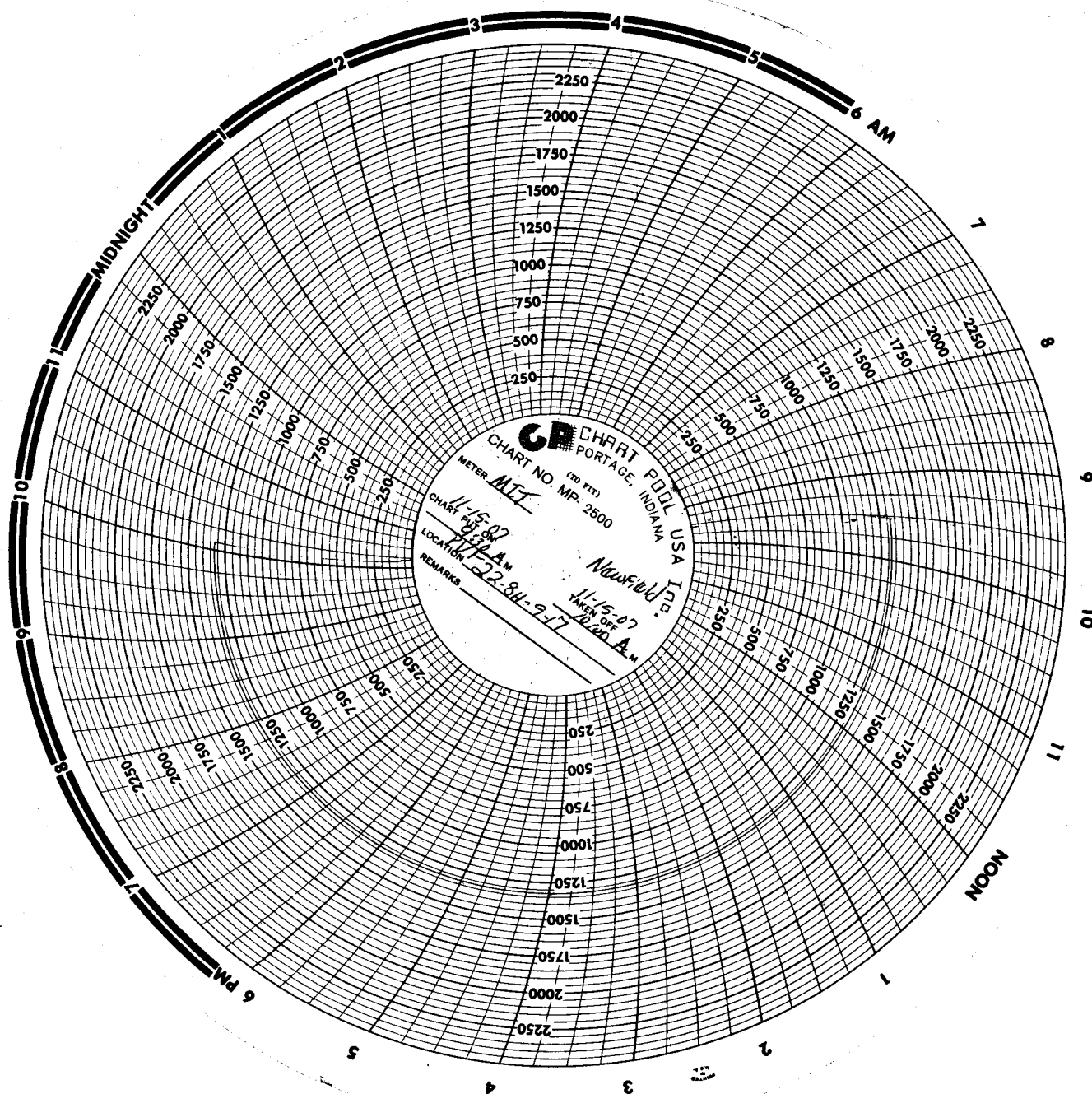
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1820</u> psig	psig	psig
End of test pressure	<u>1820</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1320</u> psig	psig	psig
5 minutes	<u>1320</u> psig	psig	psig
10 minutes	<u>1320</u> psig	psig	psig
15 minutes	<u>1320</u> psig	psig	psig
20 minutes	<u>1320</u> psig	psig	psig
25 minutes	<u>1320</u> psig	psig	psig
30 minutes	<u>1320</u> psig	psig	psig
_____ minutes	<u>—</u> psig	psig	psig
_____ minutes	<u>—</u> psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-10760
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 22-8H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2027 FNL 2018 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013314570000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/11/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  On 10/08/2012 Sarah Roberts with the EPA was contacted concerning the 5 year MIT on the above listed well. On 10/15/2012 the casing was pressured up to 1420 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1730 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20771-04267		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> October 22, 2012		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/16/2012	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_

Date: 10 / 11 / 2012Test conducted by: Cody Marx

Others present: \_\_\_\_\_

Well Name: <u>22-84917</u>		Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>			
Location: <u>SE/NW</u>	Sec: <u>8</u>	T <u>9</u> N/S R <u>170</u> E/W	County: <u>Duchesne</u> State: <u>Utah</u>
Operator: <u>Cody Marx</u>			
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>1875</u>		PSIG

Is this a regularly scheduled test?

☒ Yes ☐ No

Initial test for permit?

☐ Yes ☒ No

Test after well rework?

☐ Yes ☒ No

Well injecting during test?

☐ Yes ☒ No

If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1420 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	<u>1730</u> psig	psig	psig
End of test pressure	<u>1730</u> psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS PRESSURE</b>		
0 minutes	<u>1420</u> psig	psig	psig
5 minutes	<u>1420</u> psig	psig	psig
10 minutes	<u>1420</u> psig	psig	psig
15 minutes	<u>1420</u> psig	psig	psig
20 minutes	<u>1420</u> psig	psig	psig
25 minutes	<u>1420</u> psig	psig	psig
30 minutes	<u>1420</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

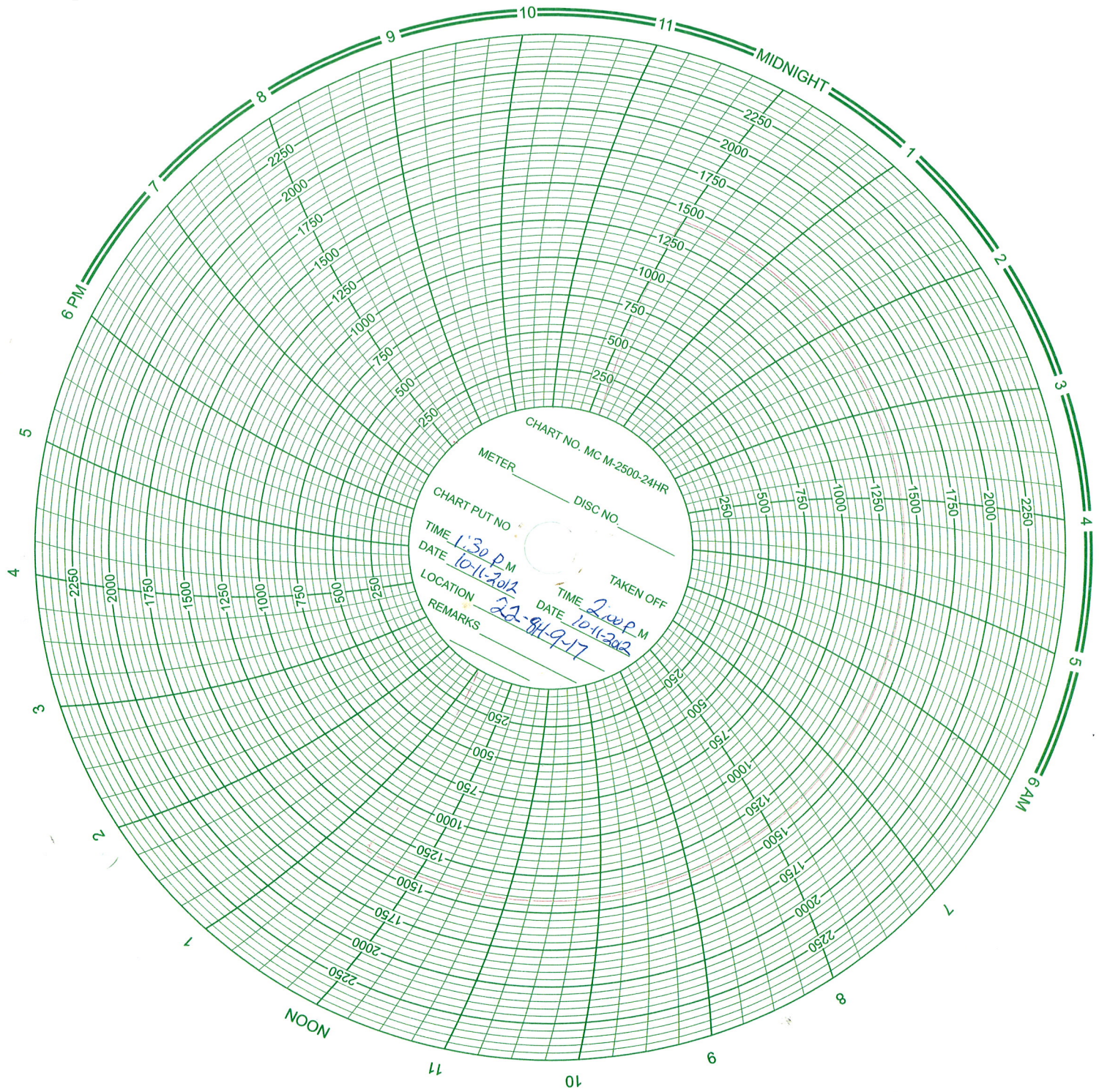
Does the annulus pressure build back up after the test? ☐ Yes ☐ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_





<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-10760
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 22-8H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2027 FNL 2018 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013314570000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/12/2014	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <span style="border: 1px solid black; padding: 2px;">Workover MIT/Concentric Inj</span>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The above subject well had workover procedures performed - Water Isolation/Concentric Injection. Workover MIT on the above listed well. On 06/12/2014 the csg was pressured up to 1552 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure for the 1.6 tbq was 0 psig and the tbq pressure for the 2-7/8" was 0 psig during the test. There was not a EPA representative available to witness the test. EPA # UT22197-04267		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> June 17, 2014		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 6/16/2014



# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 6/12/2014  
Test conducted by: Shannon Lazenby  
Others present: \_\_\_\_\_

Well Name: <u>Federal 22-8H-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Greater Monument Butte</u>		
Location: <u>SE/NW</u> Sec: <u>8</u> T <u>9S</u> N <u>17</u> E/W County: <u>Duchesne</u> State: <u>ut</u>		
Operator: <u>Shannon Lazenby</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1715</u>	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No  
Initial test for permit? ☐ Yes ☒ No  
Test after well rework? ☒ Yes ☐ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1548/0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	<u>2 1/8</u> <u>1.66</u> psig	psig	psig
End of test pressure	<u>0</u> <u>0</u> psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS</b>	<b>PRESSURE</b>	
0 minutes	<u>1548</u> psig	psig	psig
5 minutes	<u>1549</u> psig	psig	psig
10 minutes	<u>1550</u> psig	psig	psig
15 minutes	<u>1551</u> psig	psig	psig
20 minutes	<u>1552</u> psig	psig	psig
25 minutes	<u>1551</u> psig	psig	psig
30 minutes	<u>1552</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

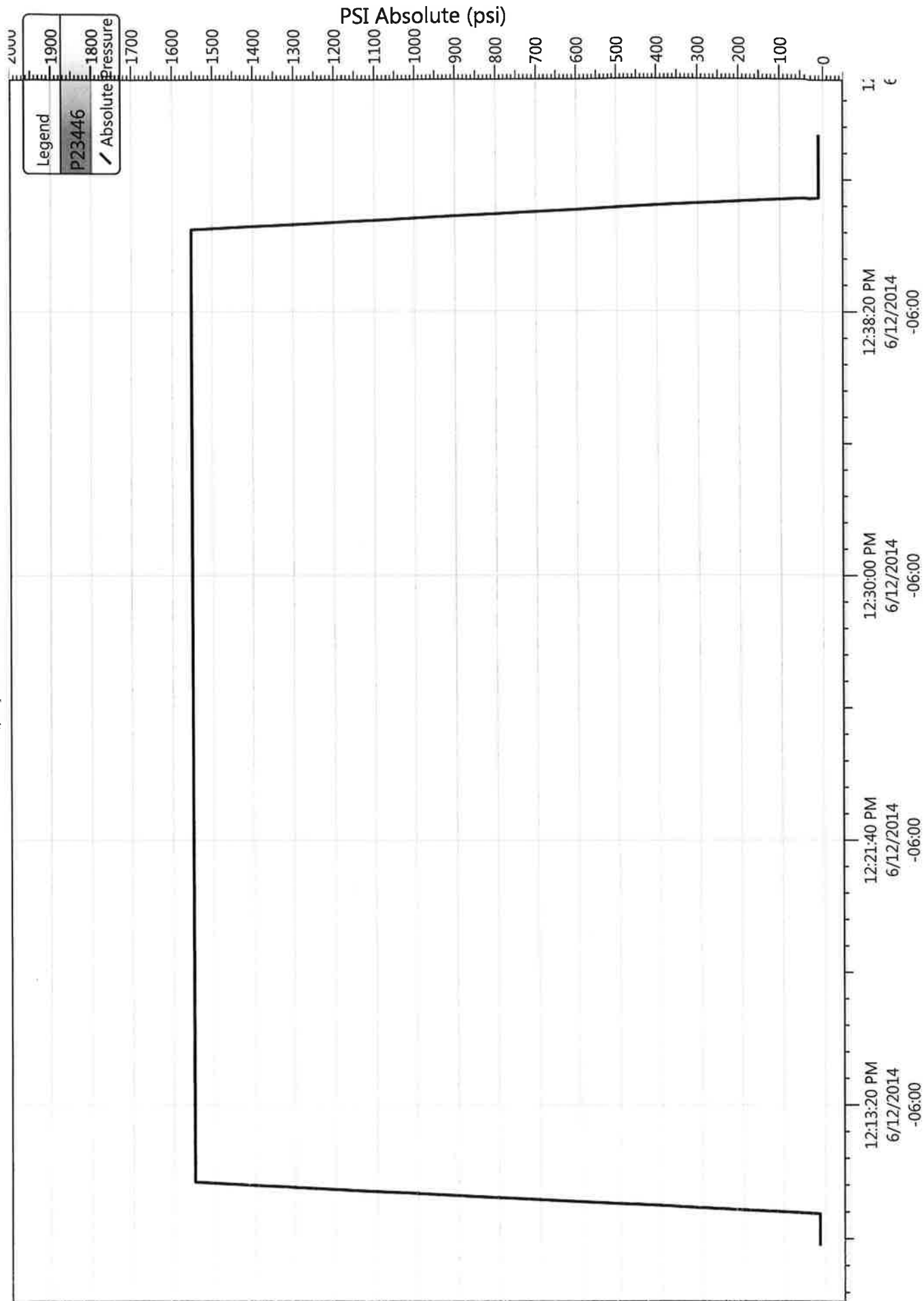
## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_

22-8H-9-17 concentric MIT 6/12/2014

6/12/2014 12:07:43 PM







Well Name: Federal 22-8H-9-17

## Job Detail Summary Report

Jobs		Job Start Date	Job End Date
Primary Job Type Reconfigure Tubing / Components		6/6/2014	6/12/2014
<b>Daily Operations</b>			
Report Start Date 6/6/2014	Report End Date 6/6/2014	24hr Activity Summary MIRU	
Start Time	End Time	02:30	03:00
Start Time	End Time	03:00	05:00
Start Time	End Time	05:00	06:00
Report Start Date 6/9/2014	Report End Date 6/9/2014	24hr Activity Summary ND WH, UNSET PKR, RU FLOOR & TBG WORKS	
Start Time	End Time	06:00	07:00
Start Time	End Time	07:00	11:00
Start Time	End Time	11:00	11:45
Start Time	End Time	11:45	14:15
Start Time	End Time	14:15	15:45
Start Time	End Time	15:45	16:45
Start Time	End Time	16:45	18:15
Start Time	End Time	18:15	19:15
Report Start Date 6/10/2014	Report End Date 6/10/2014	24hr Activity Summary TOOH TBG BREAKING & REDOPING. PU & TIH W/ 2 7/8" INJ STRING	
Start Time	End Time	06:00	07:00
Start Time	End Time	07:00	09:00
Start Time	End Time	09:00	10:00
Start Time	End Time	10:00	14:15
Start Time	End Time	14:15	16:15
Start Time	End Time	16:15	18:15
Start Time	End Time	18:15	19:15
Report Start Date 6/11/2014	Report End Date 6/11/2014	24hr Activity Summary BUILD NEW TBG HANGER, TEST TBG & HRP PKR	
Start Time	End Time	06:00	07:00



Well Name: Federal 22-8H-9-17

## Job Detail Summary Report

Start Time	07:00	End Time	07:30
		Comment	
		TRY Landing new hanger, No good	
Start Time	07:30	End Time	11:30
		Comment	
		Wait on new hanger to be built	
Start Time	11:30	End Time	12:30
		Comment	
		Set Arrowset-1 PKR W/ 5000# Tension @ 5024', Land TBG W/ New hanger	
Start Time	12:30	End Time	13:45
		Comment	
		CIRC 70 BBLs Fresh H2O & PKR Fluid down CSG Set 5 1/2 " HRP PKR @ 4043'	
Start Time	13:45	End Time	16:45
		Comment	
		Test TBG & HRP PKR To 3000 PSI For 30 MIN-OK, Took 3HRS To get good test	
Start Time	16:45	End Time	18:00
		Comment	
		RU & RIH W/ Sandline, RET SV POOH & Rack out sandline, NU Wellhead, RU Floor & TBG Works X-Over to 1.66 TBG, PRESS Up CSG To 1500 PSI, Leave PRESS overnight, CWI @ 6:00	
Start Time	18:00	End Time	19:00
		Comment	
		CREW TRAVEL	
Report Start Date	6/12/2014	Report End Date	6/12/2014
		24hr Activity Summary	
		PU & TALLY STINGER, PERFORM MIT	
Start Time		End Time	
Start Time	06:00	End Time	07:00
		Comment	
		CREW TRAVEL & SAFETY MTG	
Start Time	07:00	End Time	07:45
		Comment	
		BLEED OFF WELL	
Start Time	07:45	End Time	12:00
		Comment	
		PU & Talley Stinger, 1.90 x 1.66 X-over & 154 JTS 1.66 TBG, Stopped every 40 JTS & CIRC 10 BBLs Fresh H2O & Scavenger to kill H2S, Tag PBR @ 5020', LD 2 JTS, Space out W/ 2-10' & 1-2' 1.66 TBG Subs, PU 1 JT 1.66 TBG, Land TBG W/ Hanger W/ 4000# Compression, NU Well head	
Start Time	12:00	End Time	14:00
		Comment	
		Workover MIT on the above listed well. On 06/12/2014 the csg was pressured up to 1552 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure for the 1.66 tbg was 0 psig and the tbg pressure for the 2-7/8" was 0 psig during the test. There was not a EPA representative available to witness the test.	
		EPA # UT22197-04267	
Start Time		End Time	
		Comment	
		CREW TRAVEL	
Start Time	14:00	End Time	15:00

**NEWFIELD****Schematic****Well Name: Federal 22-8H-9-17**

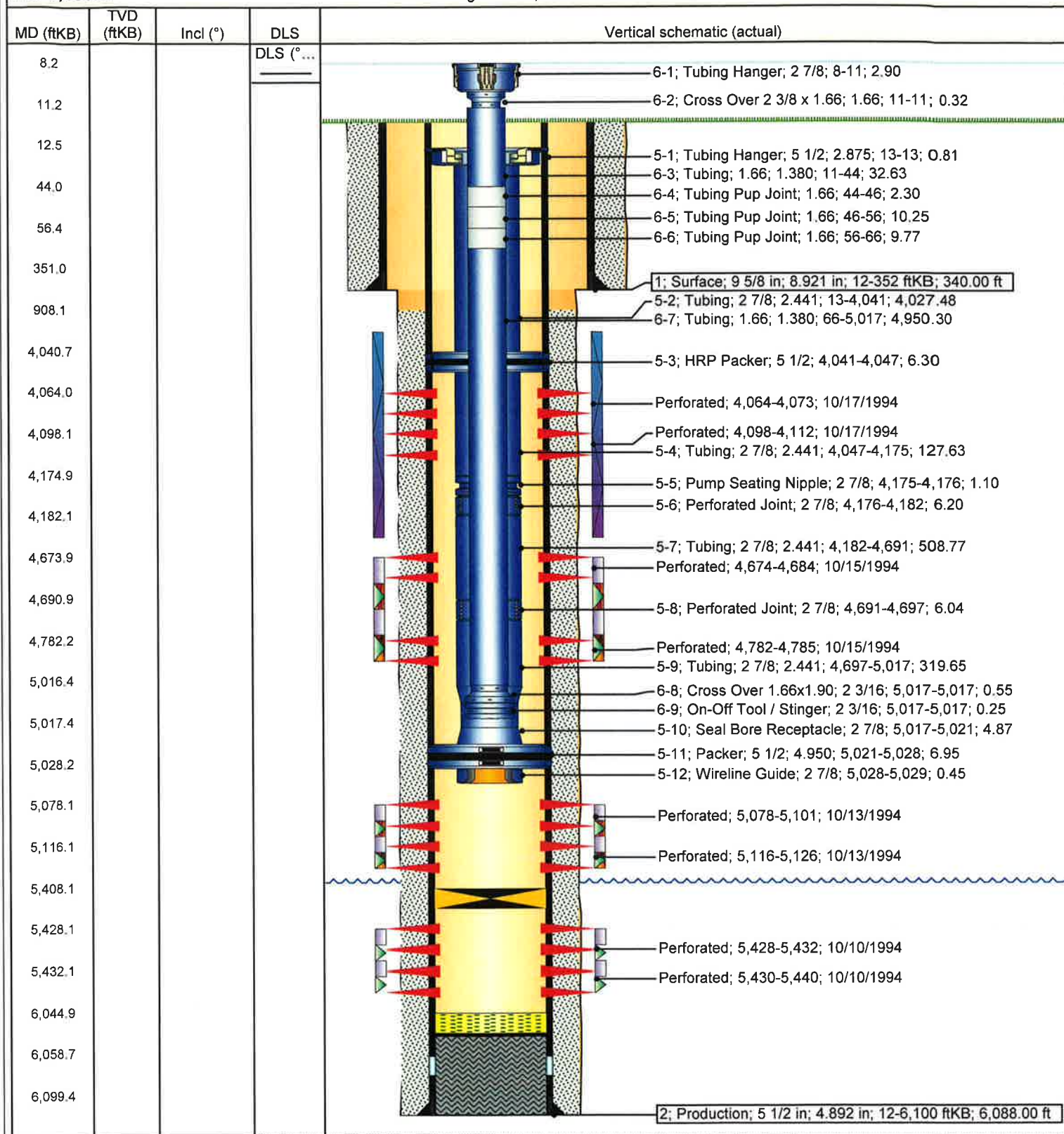
Surface Legal Location 08-9S-17E			API/UWI 43013314570000	Well RC 500150918	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date 9/13/1994	Rig Release Date 9/24/1994	On Production Date 11/4/1994	Original KB Elevation (ft) 5,320	Ground Elevation (ft) 5,308	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 6,050.0	

**Most Recent Job**

Job Category Production / Workover	Primary Job Type	Secondary Job Type N/A	Job Start Date 6/6/2014	Job End Date 6/12/2014
---------------------------------------	------------------	---------------------------	----------------------------	---------------------------

**TD: 6,100.0**

Vertical - Original Hole, 6/13/2014 7:55:25 AM





**NEWFIELD****Newfield Wellbore Diagram Data  
Federal 22-8H-9-17**

Surface Legal Location 08-9S-17E		API/UWI 43013314570000		Lease	
County DUCHESE		State/Province Utah		Field Name GMBU CTB6	
Well Start Date 9/13/1994		Spud Date 9/13/1994		Final Rig Release Date 9/24/1994	
Original KB Elevation (ft) 5,320		Ground Elevation (ft) 5,308		On Production Date 11/4/1994	
Total Depth (ftKB) 6,100.0		Total Depth All (TVD) (ftKB)		PBD (All) (ftKB) Original Hole - 6,050.0	

**Casing Strings**

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/14/1994	9 5/8	8.921	36.00	K-55	352
Production	9/24/1994	5 1/2	4.892	17.00	L-80	6,100

**Cement****String: Surface, 352ftKB 9/14/1994**

Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 352.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/.025% Cello Flake+2%CaCl	Fluid Type Lead	Amount (sacks) 200	Class G	Estimated Top (ftKB) 12.0

**String: Production, 6,100ftKB 9/24/1994**

Cementing Company	Top Depth (ftKB) 908.0	Bottom Depth (ftKB) 6,100.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description w/ 1/4 #/sx CelloFlake	Fluid Type Lead	Amount (sacks) 330	Class HILift	Estimated Top (ftKB) 908.0
Fluid Description w/10% gypsum	Fluid Type Tail	Amount (sacks) 550	Class G	Estimated Top (ftKB) 3,000.0

**Tubing Strings**

Tubing Description					Run Date	Set Depth (ftKB)		
Tubing					6/10/2014	5,028.8		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	5 1/2	2.875			0.81	12.6	13.4
Tubing	125	2 7/8	2.441	6.50	L-80	4,027.48	13.4	4,040.8
HRP Packer	1	5 1/2				6.30	4,040.8	4,047.1
Tubing	4	2 7/8	2.441	6.50	J-55	127.63	4,047.1	4,174.8
Pump Seating Nipple	1	2 7/8				1.10	4,174.8	4,175.9
Perforated Joint	1	2 7/8			N-80	6.20	4,175.9	4,182.1
Tubing	16	2 7/8	2.441	6.50	J-55	508.77	4,182.1	4,690.8
Perforated Joint	1	2 7/8			N-80	6.04	4,690.8	4,696.9
Tubing	10	2 7/8	2.441	6.50	J-55	319.65	4,696.9	5,016.5
Seal Bore Receptacle	1	2 7/8				4.87	5,016.5	5,021.4
Packer	1	5 1/2	4.950			6.95	5,021.4	5,028.4
Wireline Guide	1	2 7/8				0.45	5,028.4	5,028.8

Tubing Description					Run Date	Set Depth (ftKB)		
Tubing					6/12/2014	5,017.3		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing Hanger	1	2 7/8				2.90	8.0	10.9
Cross Over 2 3/8 x 1.66	1	1.66				0.32	10.9	11.3
Tubing	1	1.66	1.380	2.30	J-55	32.63	11.3	43.9
Tubing Pup Joint	1	1.66				2.30	43.9	46.2
Tubing Pup Joint	1	1.66				10.25	46.2	56.4
Tubing Pup Joint	1	1.66				9.77	56.4	66.2
Tubing	153	1.66	1.380	2.30	J-55	4,950.30	66.2	5,016.5
Cross Over 1.66x1.90	1	2 3/16				0.55	5,016.5	5,017.1
On-Off Tool / Stinger	1	2 3/16				0.25	5,017.1	5,017.3

**Rod Strings**

Rod Description				Run Date	Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

**Other In Hole**

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	6,045	6,050	12/11/1995	
CIBP	5,408	5,411	12/12/1995	

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Norm Hole Dia (in)	Date
4	A Sand, Original Hole	4,064	4,073	2			10/17/1994
4	A Sand, Original Hole	4,098	4,112	2			10/17/1994

**NEWFIELD**
**Newfield Wellbore Diagram Data**  
**Federal 22-8H-9-17**
**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btn (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
3	DC(4) Sand , Original Hole	4,674	4,684	2		0.380	10/15/1994
3	DC(5) Sand, Original Hole	4,782	4,785	2		0.380	10/15/1994
2	E(e) Sand, Original Hole	5,078	5,101	1			10/13/1994
2	E(e) Sand, Original Hole	5,116	5,126	1			10/13/1994
1	F(1) Sand, Original Hole	5,428	5,432	1			10/10/1994
1	F(1) Sand, Original Hole	5,430	5,440	1			10/10/1994

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,250						
2	1,685			3,070			
3	1,760			2,800			
4	1,735			2,400			
5							
6							
7							
8							

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		
2		Proppant Ottawa Sand 24000 lb; Proppant Resin Coated Sand 12000 lb
3		Proppant Ottawa Sand 24000 lb; Proppant Resin Coated Sand 12000 lb
4		Proppant Ottawa Sand 24000 lb; Proppant Resin Coated Sand 12000 lb
5		
6		
7		
8		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

JUL 10 2014

Ref: 8ENF-UFO

CERTIFIED MAIL 7008-3230-0003-0727-5577  
RETURN RECEIPT REQUESTED

RECEIVED

JUL 15 2014

Mr. J D Horrocks  
Newfield Exploration Company  
Route 3, Box 3630  
Myton, UT 84052

DIV OF OIL, GAS & MINING

8 9S 17E

Re: Underground Injection Control (UIC)  
Permission to Resume Injection  
Federal 22-8H-9-17 Well  
EPA ID# UT22197-04267  
API # 43-013-31457  
Pleasant Valley Field  
Duchesne County, UT

Accepted by the  
Utah Division of  
Oil, Gas and Mining

FOR RECORD ONLY

Dear Mr. Horrocks:

On June 17, 2014, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover to install a concentric injection tubing configuration and the followup mechanical integrity test (MIT) conducted on June 12, 2014. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. § 144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before June 12, 2019.

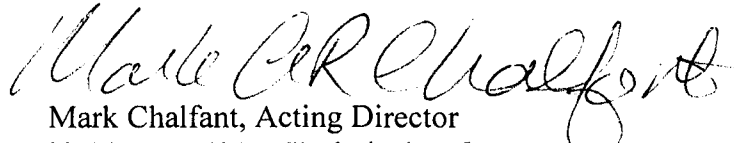
A Maximum Allowable Injection Pressure (MAIP) for the perforations at 5078 feet, below the lower packer, has been calculated at 2145 psig.

Pursuant to 40 C.F.R. § 144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless the EPA is notified and procedures are described to the EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. § 300h. Such non-compliance may subject you to formal enforcement by the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056.  
Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,

  
Mark Chalfant, Acting Director  
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Gordon Howell, Chairman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Reannin Tapoof, Executive Assistant  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Stewart Pike, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Tony Small, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Bruce Ignacio, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman  
Uintah & Ouray Business Committee  
P.O. Box 190  
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,  
Minerals and Air Programs  
Ute Indian Tribe  
P.O. Box 190  
Fort Duchesne, Utah 84026

✓ John Rogers  
Utah Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-10760			
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 22-8H			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2027 FNL 2018 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 08 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013314570000			
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE			
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/10/2016  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input checked="" type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input type="text" value="Injection Isolation"/> </td> </tr> </table>		<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Injection Isolation"/>
<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Injection Isolation"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  See attached procedure.					
<b>Approved by the</b> <b>October 18, 2016</b> <b>Oil, Gas and Mining</b>  <b>Date:</b> _____ <b>By:</b> <u>Derek Quist</u>					
<b>NAME (PLEASE PRINT)</b> Mandie Crozier		<b>PHONE NUMBER</b> 435 646-4825			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Tech			
<b>DATE</b> 10/10/2016					



**Federal 22-8H-9-17**

Procedure

- Bullhead 5 bbls acid and displace with water to btm perms, sit 24 hrs then flowback acid